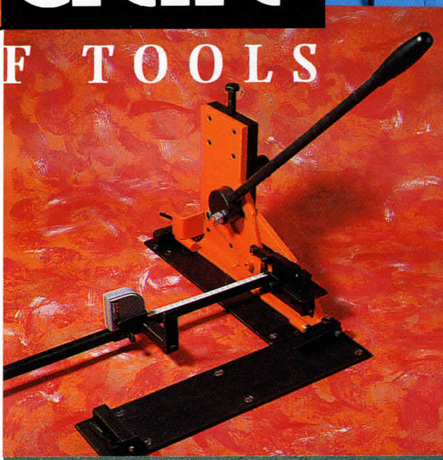
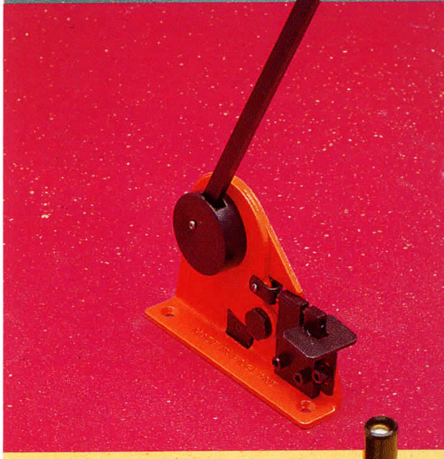
FOR PLEASURE OR PROFIT

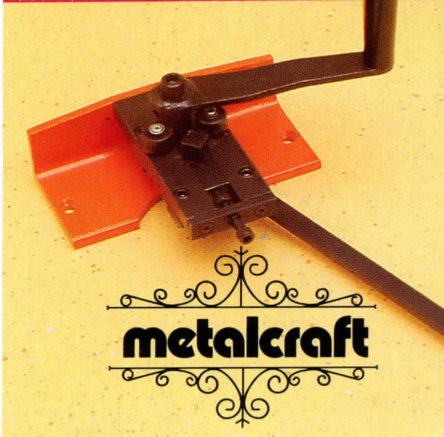
Discover the many benefits of the

metalcraft

RANGE OF TOOLS







Catalog

THE RIGHT TOOLS & EQUIPMENT FOR THE JOB

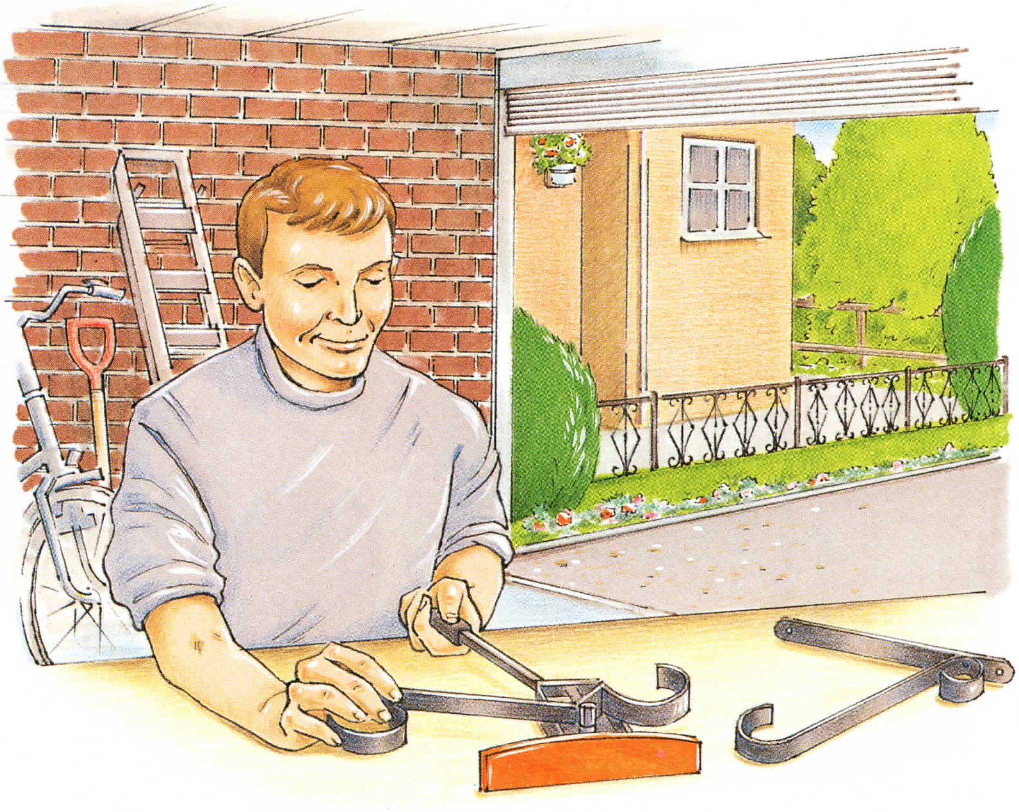
metalcraft

metalcraft HIGHLY REWARDING I

FOR DIY/HOME IMPROVEMENT... OR AS A CRAFT ACTIVITY... OR AS A MONEY MAKING VENTURE..

Metalcraft gives you everything you need to produce the highest quality of metalwork and decorative wrought ironwork.

Whether you are an individual looking for a rewarding hobby or an organisation in training or industry this brochure provides a guide to the Metalcraft range and the countless opportunities it provides.



Even at home you can have the scope to achieve whatever you want with Metalcraft. As well as all the right tools, metal and accessories you will benefit from Metalcraft's skill and experience. With the help of an easy-to-follow demonstration video plus instruction booklets and design examples you will soon be turning out finished items with that professional look. What started out as a hobby for some has now turned into an additional source of income through making:

- **Gates, Fences and Balustrades.**
- **Exterior Home Improvement Projects - Garden Furniture, Rose Arches, Name Plates and Signs, etc.**
- **Home Interior Projects - Tables, Shelving & Bracketry, Lighting & Candleabras, Plant Stands & Displays.**
- **Home Security - Door/Window Grilles and Exterior Lighting.**

You'll be surprised just how quick and easy it is to produce highly rewarding results!

Melton Hill
Bungalow

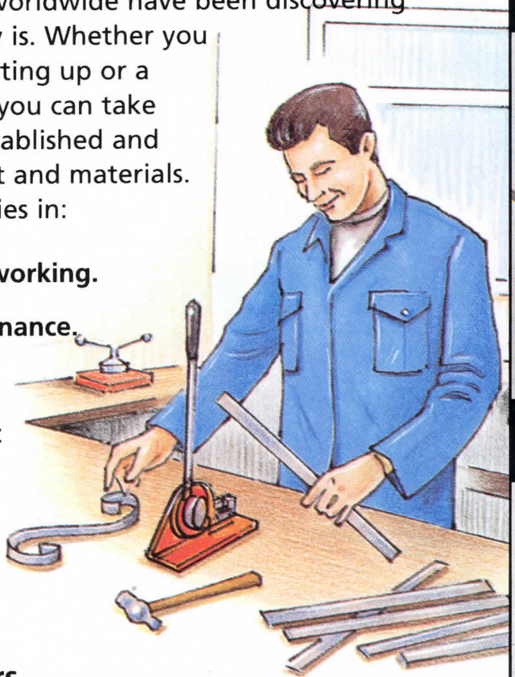
N MORE WAYS THAN ONE...

FOR INDUSTRIAL APPLICATIONS & WROUGHT IRON MANUFACTURERS...

While Metalcraft tools are supplied individually for all manner of industrial applications, to many Metalcraft is "A Business in a Box". For over 20 years companies worldwide have been discovering how true this statement really is. Whether you are a small enterprise just starting up or a large firm wishing to expand you can take advantage of Metalcraft's established and successful range of equipment and materials. Just think about the possibilities in:

- **General Metal and Wireworking.**
- **Construction and Maintenance.**
- **Gates and Fencing.**
- **Manufacture of Wrought Iron Craft and Garden Products.**
- **Home and Commercial Security.**

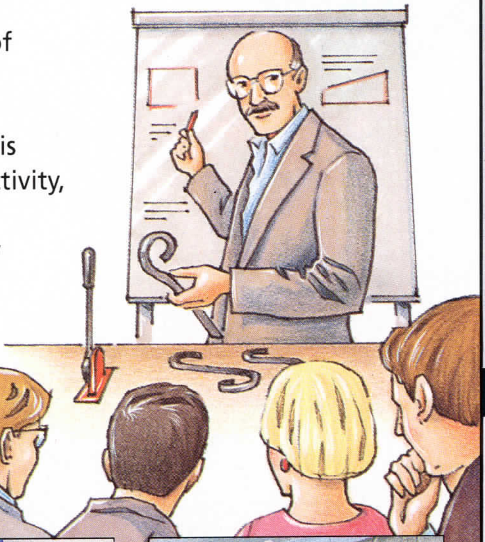
The demand is there - and the profit can be yours.



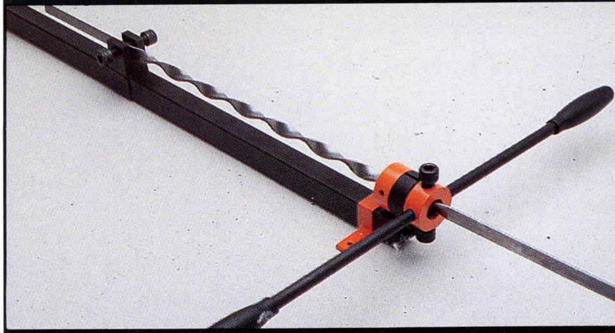
FOR EDUCATION, TRAINING AND REHABILITATION...

For many years Metalcraft has equipped schools, colleges and a wide variety of specialist Training establishments in order to develop new and useful skills. From a school project to occupational therapy for injured or disabled patients, Metalcraft provides a real sense of accomplishment. In addition, the finished items produced with Metalcraft tools can form the basis of an Enterprise or fundraising activity, making it equally popular with registered charities and voluntary organisations.

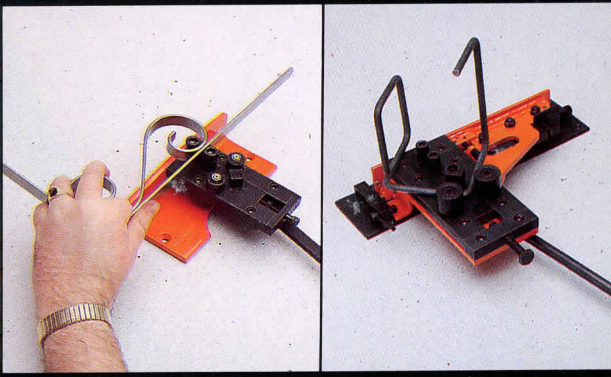
A safe way to develop new skills quickly and easily



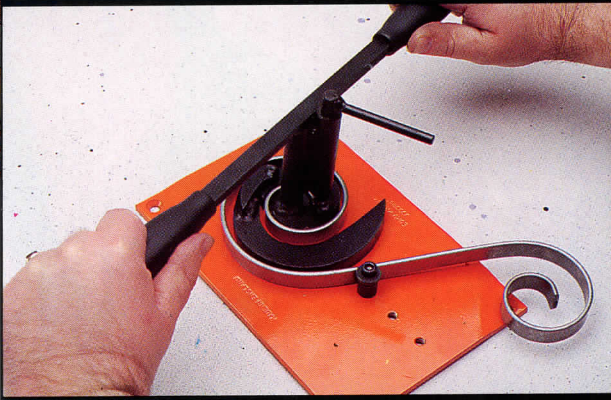
EASY TO USE TOOLS WHICH CAN...



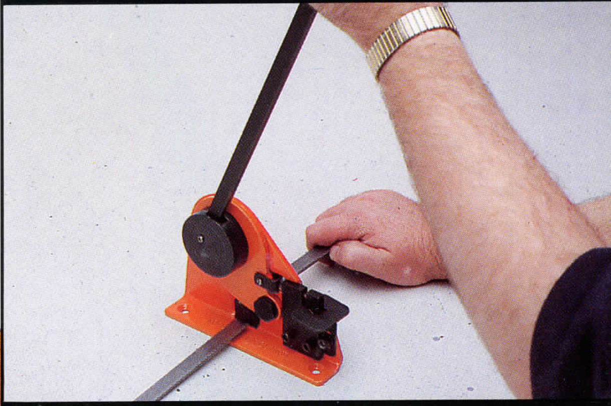
PRODUCE DECORATIVE TWISTS



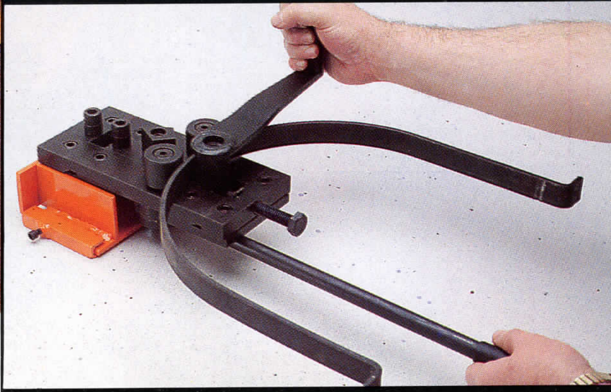
JOIN METAL TOGETHER BY RIVETING & BEND METAL INTO A WIDE RANGE OF SHAPES



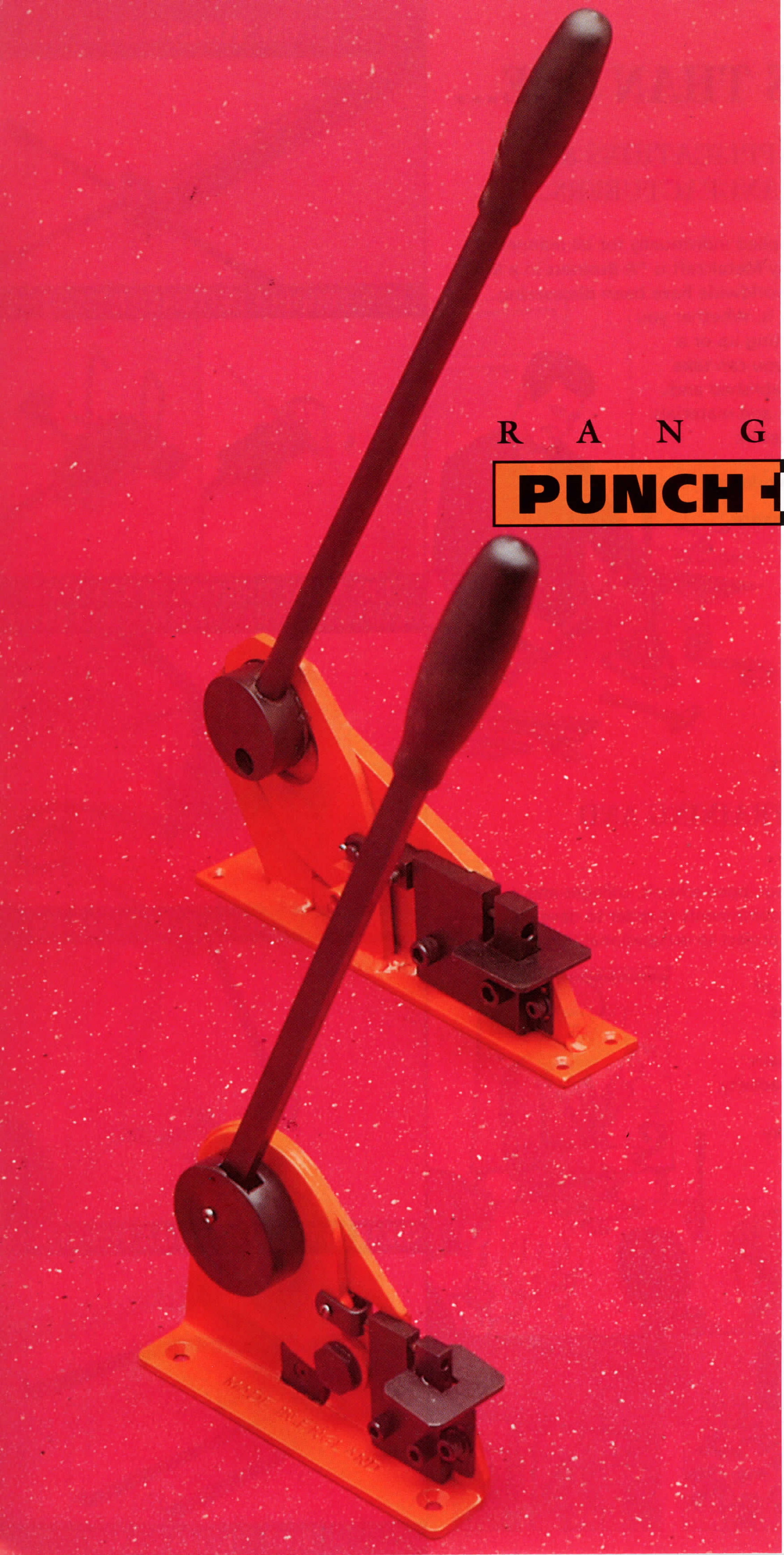
FORM ORNAMENTAL SCROLLWORK



SHEAR METAL TO LENGTH & PUNCH HOLE



ROLL CIRCLES & ARCS



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RANGE OF PUNCH + SHEAR TOOLS

DUAL FUNCTION HAND OPERATED TOOLS FOR CUTTING AND PUNCHING HOLES IN METAL STRIP

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PUNCH + SHEAR TOOLS

THE ESSENTIAL STRIP METALWORKING TOOLS

Available in both the Practical and Master versions, these robust machines are the work horses of the **Metalcraft** range of tools. Cleverly, combining a hole punching facility with a guillotine for cutting mild steel strip, square bar and wire to length, they are an extremely capable workshop tool for use in a DIY, Training or Production environment. The hole punching capability can be used to punch screw-fixing holes in strip metal frameworks and also complements the Riveting feature on the **Metalcraft** range of Riveting/Bending/Rolling tools by providing the hole to locate the rivet. The punching is carried out by a replaceable punch block and pin which is specially machined and hardened for the task.

Because both machines are portable and require no electrical power, they are well suited to 'on-site' work.

PRACTICAL PUNCH & SHEAR

SPECIFICATIONS: **Practical Punch & Shear Tool**

Maximum working capacity	**Shearing** - 5/8" x 1/8" (flat strip) 3/16" (square bar) 3/16" (round bar/wire) **Punching** - 1/8" diameter hole in up to 1/8" thick material.
Machine dimensions	2" (width) x 6 7/8" (depth) x 5 1/8" (height) x 13 3/8" (handle length). Boxed Weight: 4lbs 7ozs
Other features	Adjustable punch platform. 4 available cutting edges on small shear blade.

MASTER PUNCH & SHEAR

SPECIFICATIONS: **Master Punch & Shear Tool**

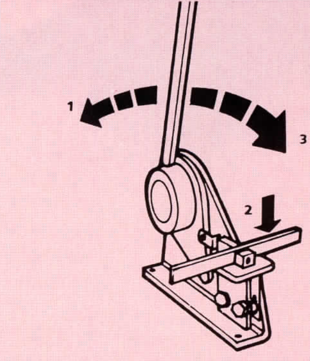
Maximum working capacity	**Shearing** - 1" x 3/16" (flat strip) 1/4" (square bar) 1/4" (round bar/wire) **Punching** - 3/16" diameter hole in up to 3/16" thick material. 1/8" diameter hole in up to 1/8" thick material. 1/4" diameter hole in up to 1/8" thick material. (N.B. 3/16" punch block & pin fitted as standard on Master P & S).
Machine dimensions	2 3/8" (width) x 11 1/4" (depth) x 6 1/8" (height) x 17 3/4" (handle length). Boxed Weight: 11lbs 14ozs
Other features	Adjustable punch platform. Double Acting push/pull lever. 2 available cutting edges on small shear blade.

All tools are supplied complete with operating instructions and spare parts list. Please note that the *maximum working capacity* stated is for Hot Rolled Mild Steel Bar & Annealed Bright Mild Steel Bar. Working beyond these limits or with material of greater hardness may reduce the operational life of the machines. The Punch Blocks, Pins and Shear Blades are all consumable items for which replacements can be purchased readily.

EASY TO OPERATE - RUGGED CAM LEVER ACTION WHICH PUNCHES & CUTS...

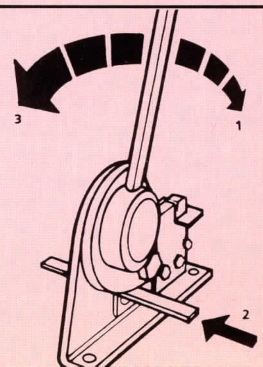
1 *Punching is achieved by placing metal strip in the slotted punch block. Platform is adjustable to allow for accurate positioning.*

1



2 *To shear, material is placed in gap between small fixed shear blade and large, lever-operated shear blade. Operate lever to shear.*

2



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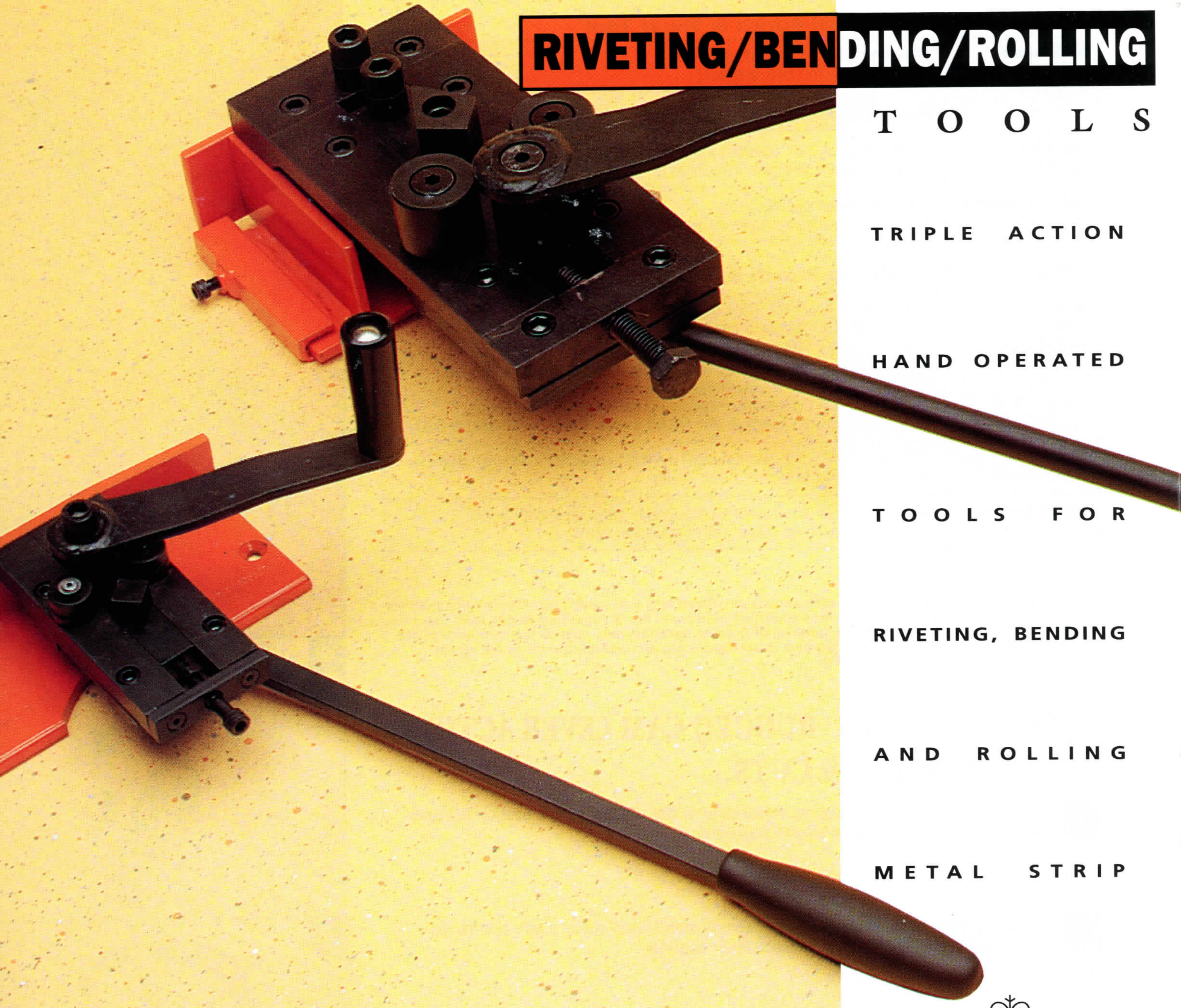
RANGE OF RIVETING/BENDING/ROLLING TOOLS



TRIPLE ACTION

HAND OPERATED

TOOLS FOR

RIVETING, BENDING

AND ROLLING

METAL STRIP

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RIVETING/BENDING/ROLLING TOOLS

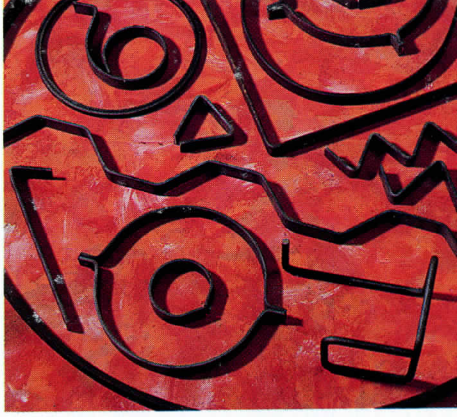
BEND IT - SHAPE IT - RIVET IT - ANYWAY YOU WANT IT!

By combining 3 functions into 1 tool, this highly versatile, hand-powered range of tools form the cornerstone of the **Metalcraft** Practical & Master Workshops.

Riveting provides a quick, safe and easy way of joining metal strip and scroll work together. Riveting eliminates the need for an electric power source as in welding and gives the finished job an authentic and traditional appearance. Naturally, there is the option for welded joints if so desired.

The **Bending** function provides a useful tool for bending all manner of components out of flat strip, square bar and round wire in a production environment. This function makes it an essential tool in producing frameworks etc. for decorative work.

Finally, the **Rolling** facility enables circles and arcs of varying radii to be easily and consistently rolled without the need for pre-heating of the material.



Just some of the types of shapes you can create with the Metalcraft range of Riveting, Bending & Rolling tools.

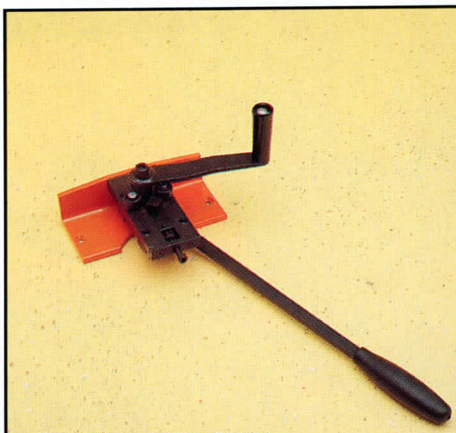
SPECIFICATIONS: **Practical Riveting/Bending/RollingTool**

Maximum working capacity	**Riveting** - 1/8". diameter rivet **Bending** - 5/8" x 1/8" (flat strip) 3/16" (round) 5/32" (square bar) **Rolling** - 5/8" x 1/8" (flat strip) 3/16" (round) 5/32" (square bar)
Angle of bend achievable	180° to 90°
Machine dimensions	6 1/2" (width) x 6" (depth) x 2 3/8" (height) x 11 7/8" (handle length) Boxed Weight: 6lbs 10ozs
Other features	End Stop Screw & Nut fitted for producing consistent bends and circles/arcs when rolling.

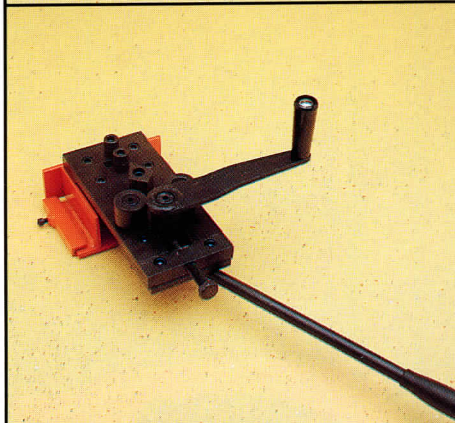
SPECIFICATIONS: **Master Riveting/Bending/RollingTool**

Maximum working capacity	**Riveting** - 3/16" diameter rivet **Bending** - 1" x 3/16" (flat strip) 3/8" (round) 3/8" (square bar) **Rolling** - 1" x 1/4" or 1 3/16" x 3/16" (flat strip) 3/8" (round) 3/8" (square bar)
Angle of bend achievable	180° to 60°
Machine dimensions	6 1/2" (width) x 11 3/8" (depth) x 4 1/2" (height) x 17 1/4" (handle length). Boxed Weight: 24lbs 4ozs.
Other features	End Stop Screw fitted for producing consistent bends and circles/arcs when rolling.

All tools are supplied complete with operating instructions and spare parts list. Please note that the *maximum working capacity* stated is for Hot Rolled Mild Steel Bar & Annealed Bright Mild Steel Bar. Working beyond these limits or with material of greater hardness may reduce the operational life of the machines.



PRACTICAL RIVETING/ BENDING/ROLLING TOOL



MASTER RIVETING/ BENDING/ROLLING TOOL

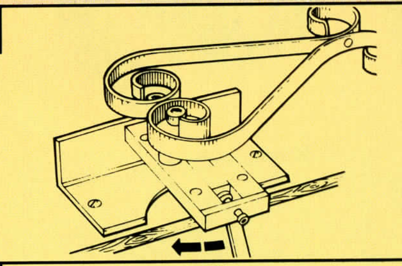
EASY TO USE - NO PRE-HEATING OF METAL REQUIRED WHEN RIVETING, ROLLING OR BENDING.

1 *Riveting is simply achieved by placing the material to be joined (with rivet in pre-punched hole) between the riveting posts on the machine. Use the lever to squeeze up the plain end of the rivet and hence form joint.*

2 *For bending operation, material is placed between the Square or Diamond Shaped Former and the Side Rollers. Lever is operated to gradually bend to required angle.*

3 *Rolling is accomplished by repeatedly passing the material backwards and forwards through machine (between side rollers and winding handle roller). As this is done, a gradual increase of pressure on the main handle tightens radius on each pass through machine.*

1



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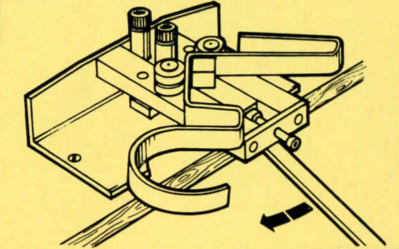

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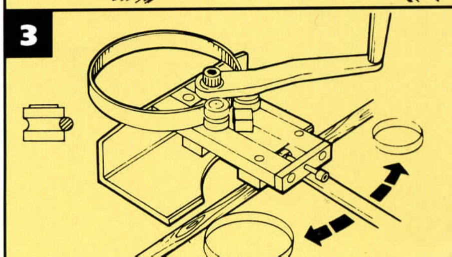

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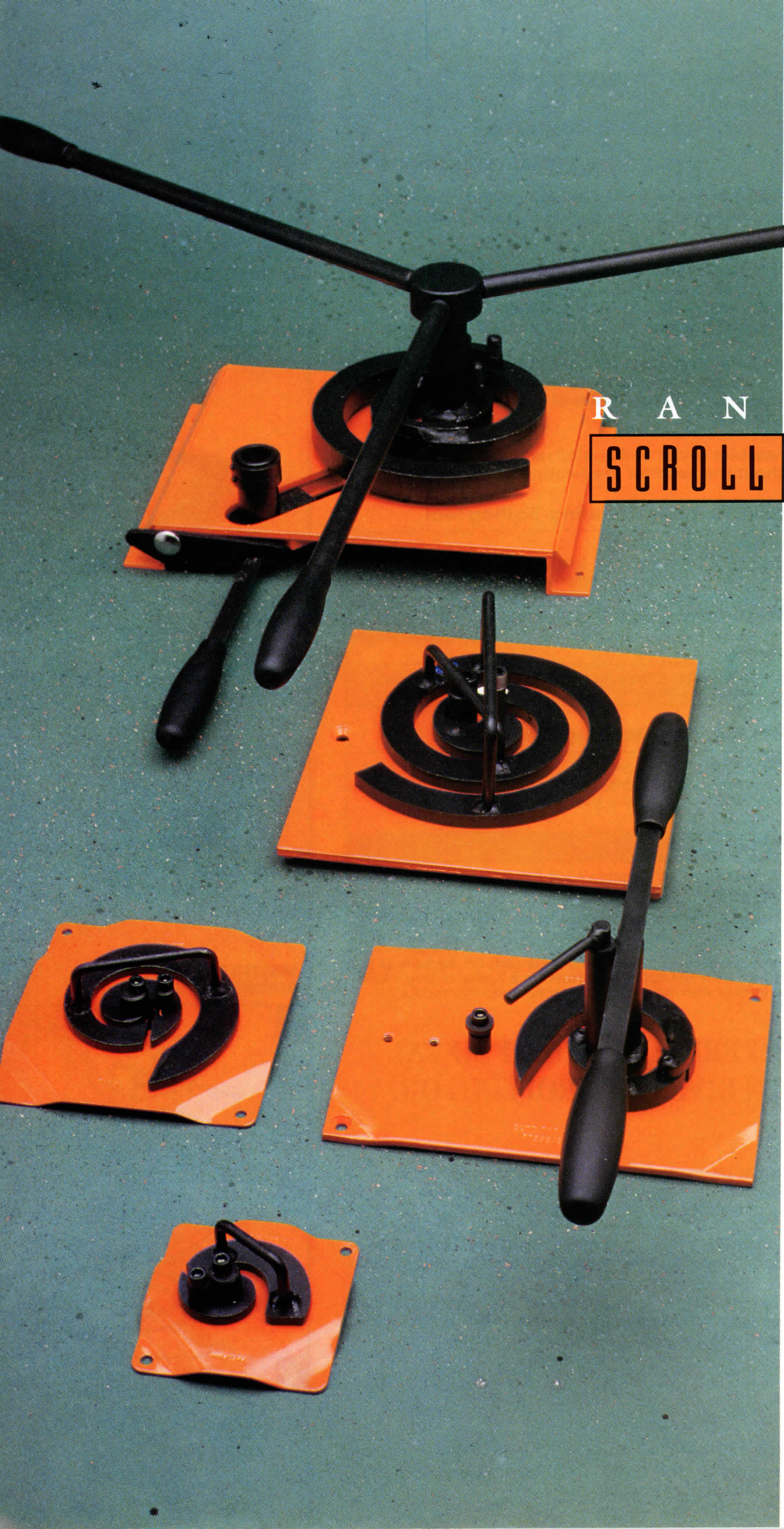

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RANGE OF SCROLL FORMERS

HAND OPERATED

TOOLS FOR

PRODUCING

DECORATIVE

SCROLLS IN

METAL STRIP

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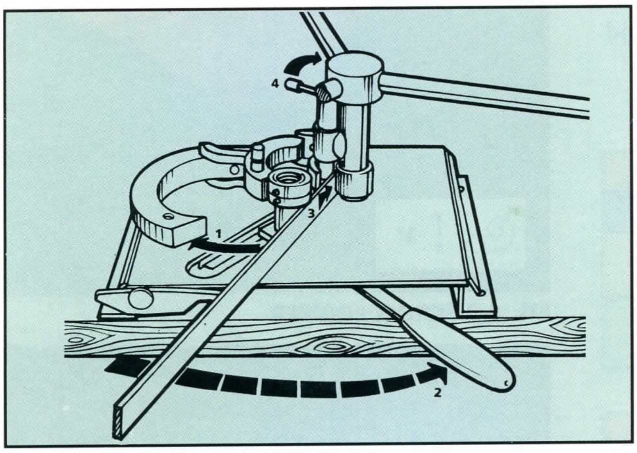
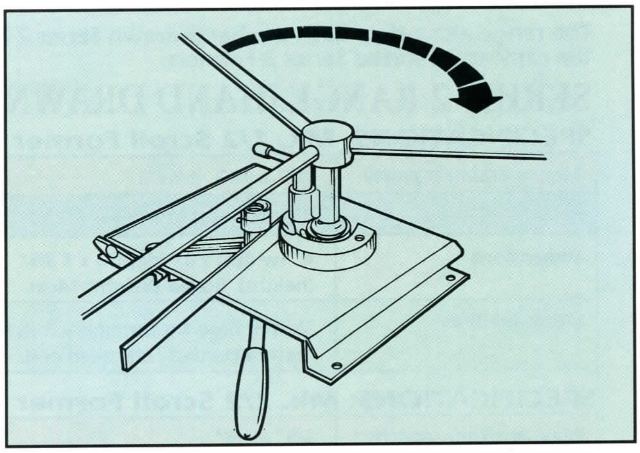
SCROLL FORMERS SERIES 3 RANGE (CONTINUED)

THE TOP OF THE RANGE - Mk. 3/3 HEAVY DUTY SCROLL FORMER



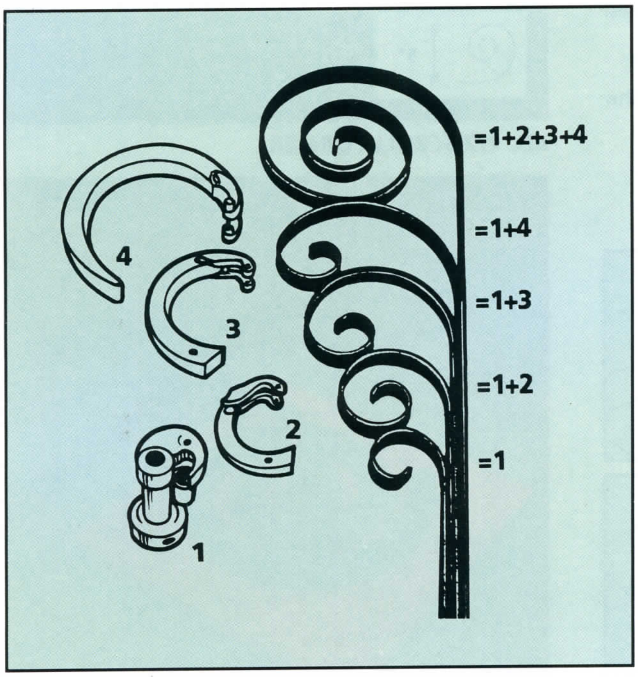
Hinged segments are opened out and end of metal strip is placed into centre segment and gripped by means of locking bar mechanism. Appropriate locking bar selected and pressure roller adjustment made to suit flat strip, square bar or round bar as required.
Metal is positioned to right of pressure roller which ensures material is drawn into centre as three handled lever is operated to form scroll.



As handle is rotated hinged segments close around material to form scroll of required size. The more the handles are rotated the larger the scroll formed. When scroll is of required size unlock locking bar to release.

ADDITIONAL FEATURE - INTERCHANGEABLE SEGMENTS...

The versatility of the MK 3/3 Scroll Former stems from its ability to produce a range of different scroll shapes and sizes. This is achieved by interchanging the hinged segments.



Just some of the limitless scroll patterns that form the basis of decorative wrought ironwork and wrought iron products.

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SCROLL FORMERS

TRADITIONAL CRAFTMANSHIP IN YOUR HANDS...

Now you can create all the beauty of traditional scroll work with Metalcraft's range of Scroll Forming tools. There are five to choose from, varying in the size of the scroll they produce and the size of materials they handle.

The range also offers both the hand-drawn Series 2 Formers and the capstan operated Series 3 Formers.

SERIES 2 RANGE (HAND DRAWN)

SPECIFICATIONS: Mk. 1/2 Scroll Former

Max. working capacity	1/2" x 14G (5/64")
Max. scroll size	3" (see inset of photo)
Dimensions	4" (width) x 4" (depth) x 1 3/4" (height). Boxed Weight: 14ozs
Other features	Slotted base for forming scrolls with material with a fish-tailed end.

SPECIFICATIONS: Mk. 2/2 Scroll Former

Max. working capacity	5/8" x 1/8"
Max. scroll size	5" (see inset of photo)
Dimensions	6" (width) x 6" (depth) x 1 3/4" (height). Boxed Weight: 1lbs 8ozs
Other features	Slotted base for forming scrolls with material with a fish-tailed end.

SPECIFICATIONS: Mk. 3/2 Scroll Former

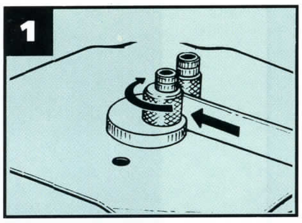
Max. working capacity	1" x 3/16"
Max. scroll size	8 1/4" (see inset of photo)
Dimensions	9" (width) x 9" (depth) x 3 1/2" (height). Boxed Weight: 13lbs 4oz
Other features	Supplied with special starting lever to form initial part of scroll when using heavier gauge material.

*The maximum Scroll Size quoted is approximate due to the varying temper (spring) of steel.

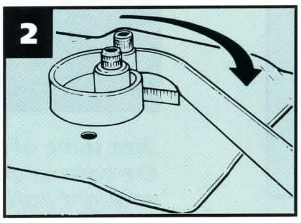
All tools are supplied complete with operating instructions and spare parts list. Please note that the *maximum working capacity* stated is for Hot Rolled Mild Steel Bar & Annealed Bright Mild Steel Bar. Working beyond these limits or with material of greater hardness may reduce the operational life of the machines.

EASY TO USE - PRODUCES FLAT & CONSISTENT SCROLLS (NO PRE-HEATING OF METAL REQUIRED)...

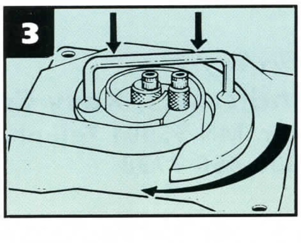
End of metal strip is placed between two central rollers and is gripped by adjusting moveable roller.

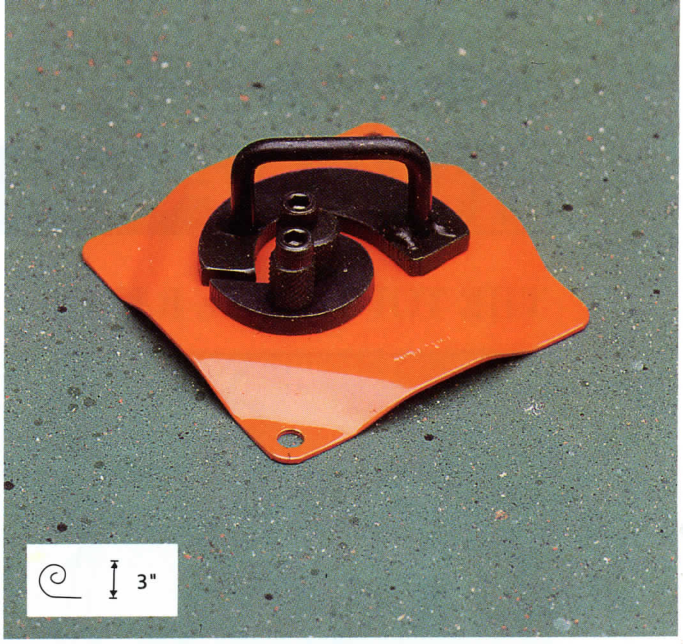


Metal strip is drawn around centre segment to produce initial part of scroll. (If using Mk3/2 Former with heavy gauge material the special starting lever supplied with this tool helps to form the initial tight curve of the scroll).

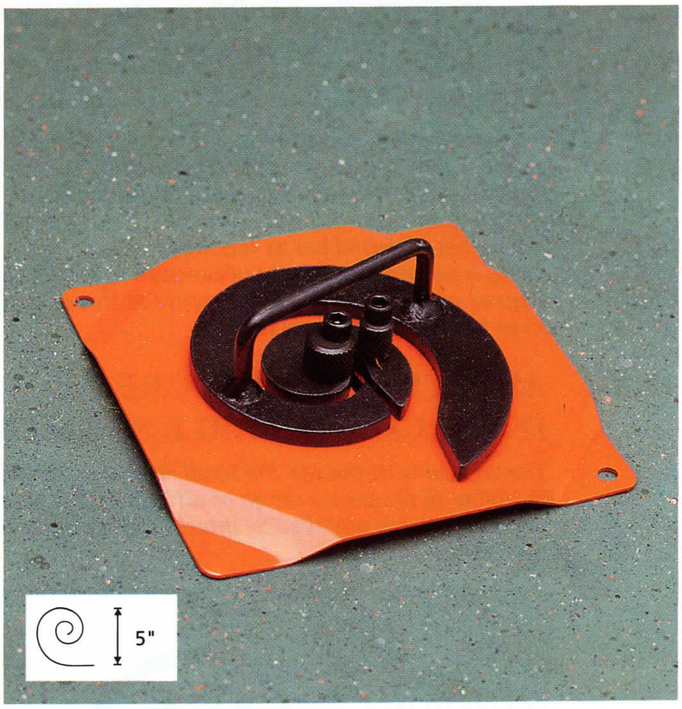


Depending on size of scroll required, metal strip is drawn around further with additional segment(s) dropped in as required. For consistency when producing repeated scrolls mark scroll "tangent point" on base. Finally release finished flat scroll.

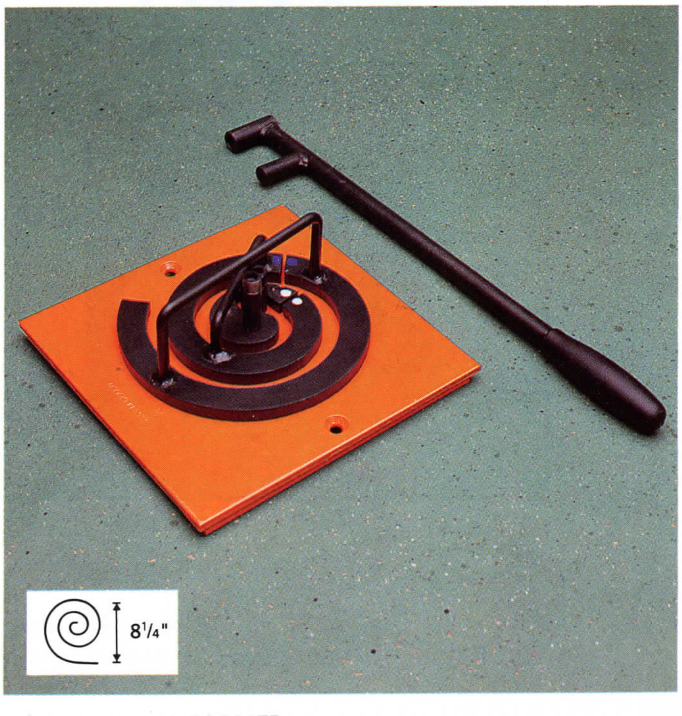




Mk. 1/2 SCROLL FORMER



Mk. 2/2 SCROLL FORMER



Mk. 3/2 SCROLL FORMER

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SCROLL FORMERS

SERIES 3 RANGE (CAPSTAN OPERATED)

Being capstan operated, the professional Series 3 formers shown alongside, have one main advantage over their Series 2 counterparts, namely the material is drawn into the machine rather than having to be drawn around the segments. As a consequence these machines do not require such a large unobstructed work area.

SPECIFICATIONS: Mk. 2/3 Scroll Former

Max. working capacity	5/8" x 1/8"
Max. scroll size	5" (see inset photo)
Dimensions	6" (width) x 9" (depth) x 4 3/4" (height) x 8 1/4" (handle radius). Boxed Weight: 6lbs 10ozs.
Other features	Capstan Operated

SPECIFICATIONS: Mk. 3/3 Scroll Former

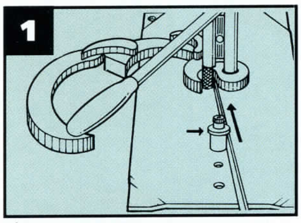
Max. working capacity	1" x 3/16" (flat strip) 3/8" (round bar) 3/8" (square bar)
Max. scroll size	8 1/4" (see inset of photo)
Dimensions	14 1/4" (width) x 12 1/2" (depth) x 6 1/4" (height) x 18 1/8" (handle radius). Boxed Weight: 26lbs 8oz
Other features	Capstan Operated. Interchangeable segments to produce a whole range of scroll sizes and shapes (refer to figure overleaf). Can also work materials with fish tail ends.

*The maximum Scroll Size quoted is approximate due to the varying temper (spring) of steel.

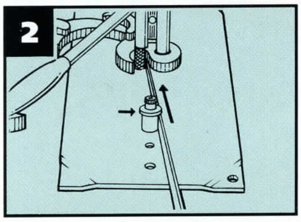
All tools are supplied complete with operating instructions and spare parts list. Please note that the *maximum working capacity* stated is for Hot Rolled Mild Steel Bar & Annealed Bright Mild Steel Bar. Working beyond these limits or with material of greater hardness may reduce the operational life of the machines.

EASY TO USE - MK. 2/3 FORMER FOR THE PROFESSIONAL USER...

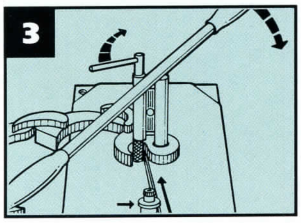
Hinged segments are opened out and end of metal strip is placed into centre segment and gripped by means of locking bar mechanism.

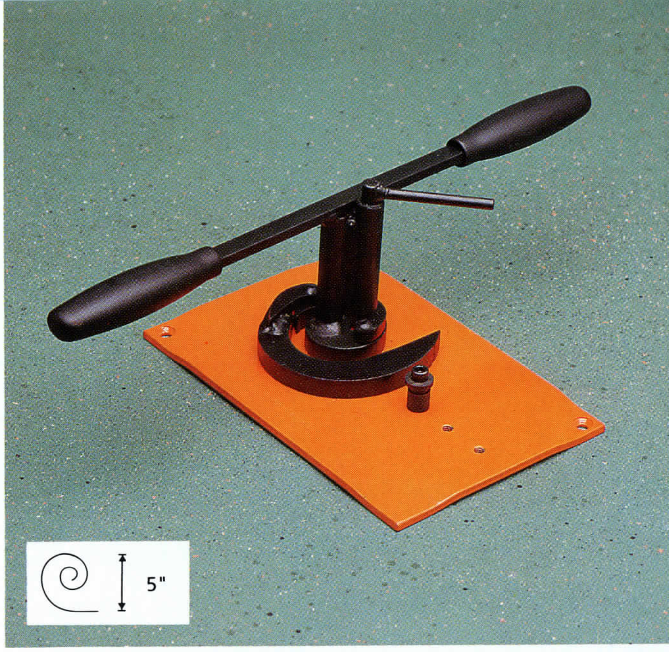


Metal is positioned to right of special pressure roller which ensures material is drawn into centre as T-bar handle is operated to form scroll.

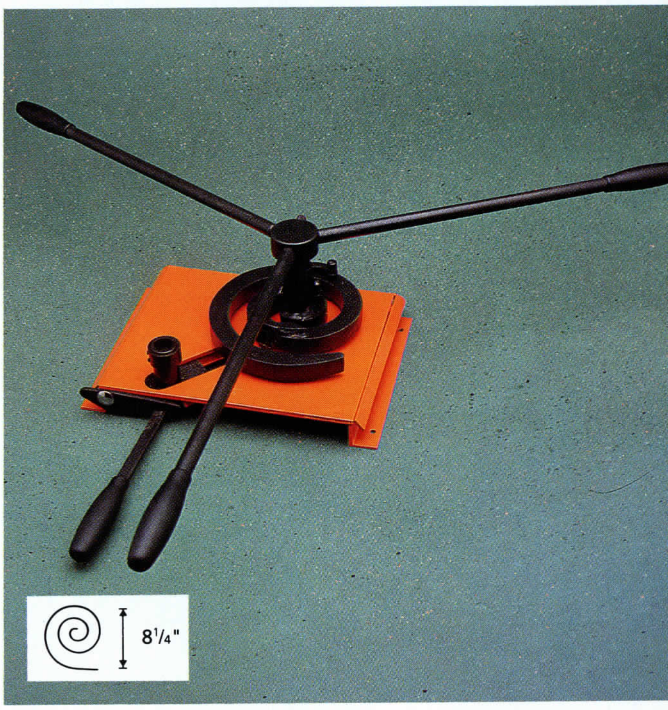


Handle is rotated to form scroll of required size. Unlock centre of scroll to release when finished.





Mk. 2/3 SCROLL FORMER



Mk. 3/3 SCROLL FORMER

This photograph shows the Mk. 2/3 in use, forming two different sizes of scrollwork.

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RANGE OF
TWISTERS

HAND OPERATED TOOLS FOR ADDING DECORATIVE TWISTS TO METAL STRIP

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TWISTERS

ADD THAT SUBTLE TWIST TO YOUR ORNAMENTAL WROUGHT IRON WORK!

SPECIFICATIONS: **Practical Twister**

Maximum working capacity	5/8" x 1/8" (flat strip) 3/8" (square bar)
Length of twist possible	Min. 3 1/8" Max.* 38 1/2"
Machine dimensions	4" (width) x 42 1/8" (length) x 3 1/2" (height) x 11" (handle length) Boxed Weight: 7lbs 15ozs
Other features	Optional extra available - Practical Twister Adaptor (see below)

SPECIFICATIONS: **Master Twister**

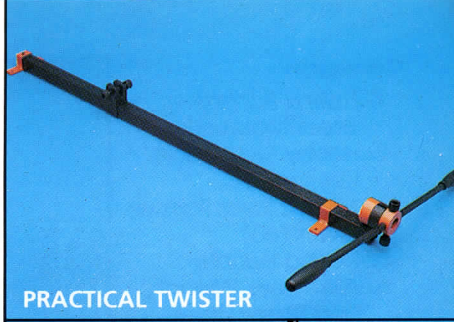
Maximum working capacity	1" x 3/8" (flat strip) 5/8" (square bar)
Length of twist possible	Min. 1 3/4" Max.* 38 1/2")
Machine dimensions	5 1/2" (width) x 42 7/8" (length) x 5 1/2" (height) x 23 1/2" (handle length) Boxed Weight: 28lbs 11ozs

* Longer twists can be achieved with care by moving twisted section through the machine and then twisting the next section.

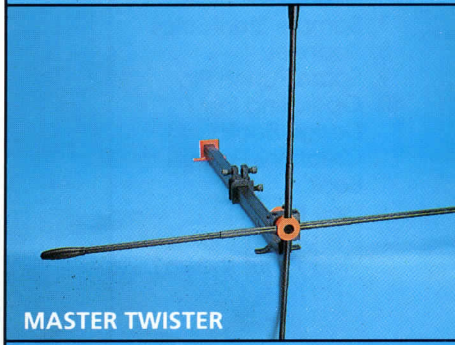
All tools are supplied complete with operating instructions and spare parts list. Please note that the *maximum working capacity* stated is for Hot Rolled Mild Steel Bar & Annealed Bright Mild Steel Bar. Working beyond these limits or with material of greater hardness may reduce the operational life of the machines.

Practical Twister Adaptor

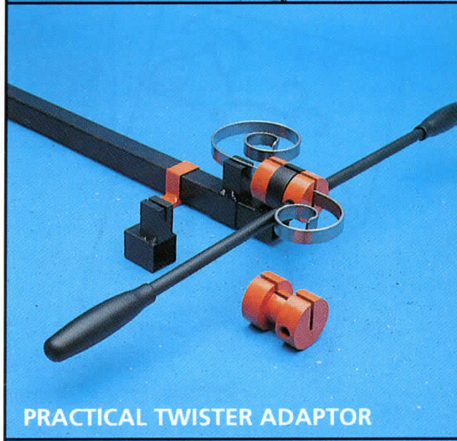
This Special Boss & Slide Unit can be fitted in place of the standard collar to allow rapid twisting - a feature of particular importance if having to make repeated twists. The slotted collar also allows twists to be inserted in a length of flat strip which has scrolls already formed at each end. [Max working capacity: 5/8" x 1/8" (flat strip only). Length of Twist possible: Min. 1" Max. 37"]



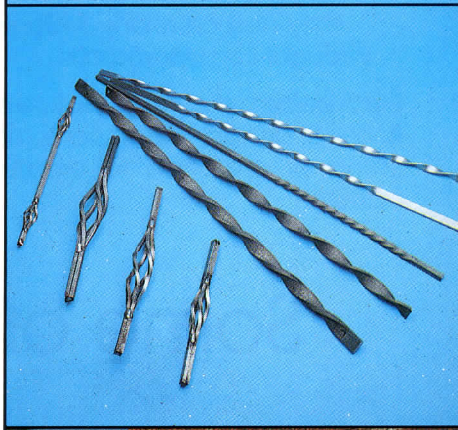
PRACTICAL TWISTER



MASTER TWISTER

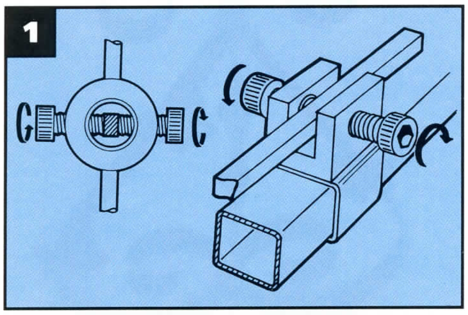


PRACTICAL TWISTER ADAPTOR

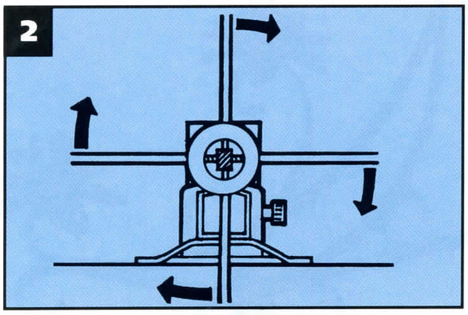


Just some of the types of twists achievable with the Metalcraft range of Twisters. For example, the 'decorative onion cages' shown at the bottom left of this photo can quite easily be produced for use on the vertical section of ornate railings.

EASY TO USE - NO PRE-HEATING OF METAL REQUIRED WHEN TWISTING...



To use simply clamp material in collar and set required length of twist by moving slider and clamping in position.



Twist handles as required and then release twisted length from the collar.

Decorative twists add that professional finish to wrought iron work.

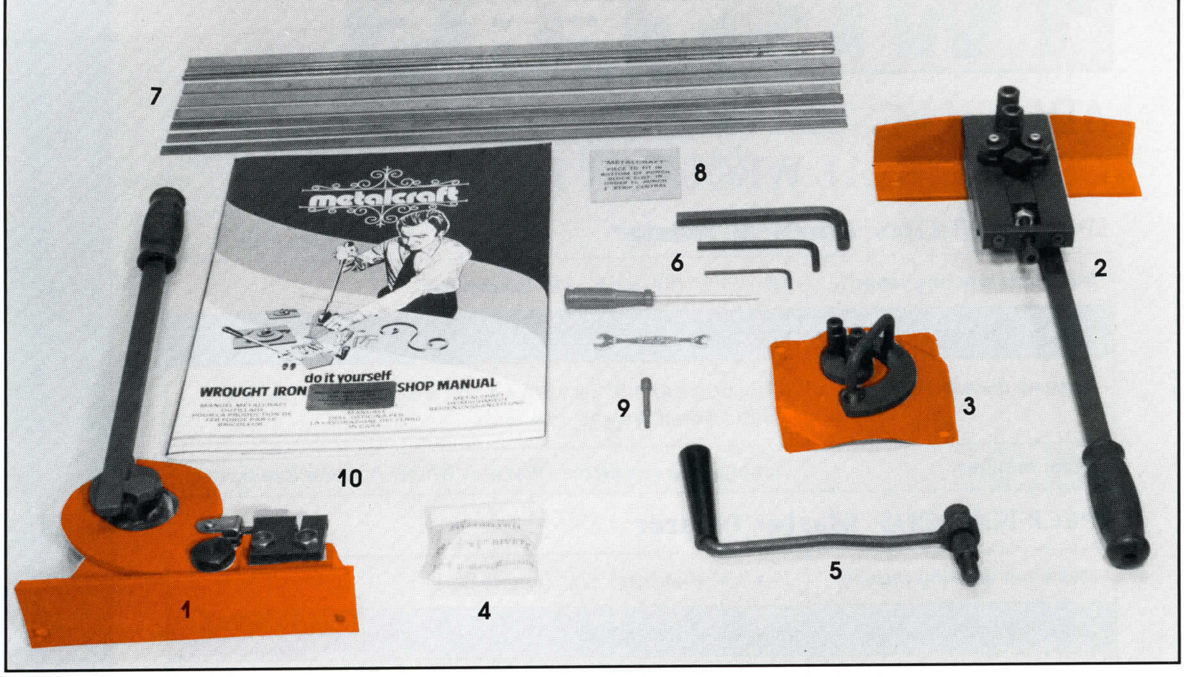
Order from

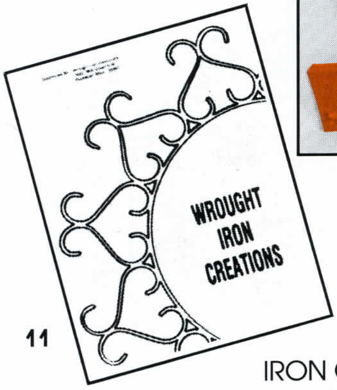
Wrought Iron Handicrafts, Kosy Creations
1620 38th Street N.W. Rochester, MN 55901 Telephone (507) 289-0836
1-800-456-7738

Contents:

1. Hobby Punch/Shear Machine
2. Hobby Rivet/Bend/Roll Tool
3. MK 1/2 Scroll Former
4. Rivets (60)
5. Rolling Handle
6. Allen Keys, Wrench, and Screw Driver
7. Sample Steel Strips
8. Spanner
9. Spare Punch Pin
10. Operating Inst./Design Book
11. Creations Pattern Book (see below)
12. Metalcraft Tool Video (not shown)

HOBBY WORKSHOP





The WROUGHT IRON CREATIONS pattern booklet contains over twenty full size patterns of the finest creations designed by Wrought Iron Handicrafts.

Each pattern displays a picture of the finished design, dimensions, and a listing of materials to create the pattern.

The Hobby Workshop is recommended for the person who wishes to create useful and decorative metal work for home or for gifts.

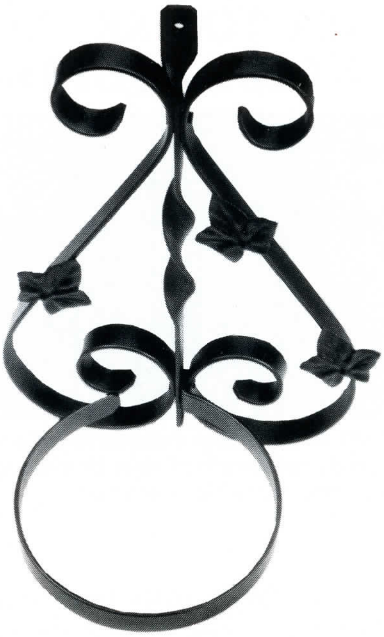
Designed creations that are of high value, yet easy to make and reflect your own individualism.

Seven metal working functions—riveting, bending, rolling, punching, shearing, scrolling and twisting—are performed without any heat or welding being required. Metal capacity is 1/2″ x 3/32″.

These quality precision tools are strong, durable, and are designed to operate with minimum physical effort.

With the Hobby Workshop and Metalcraft Accessories you get the cost benefits plus the ability to create beautiful ornamental ironwork.

Some of the many beautiful items



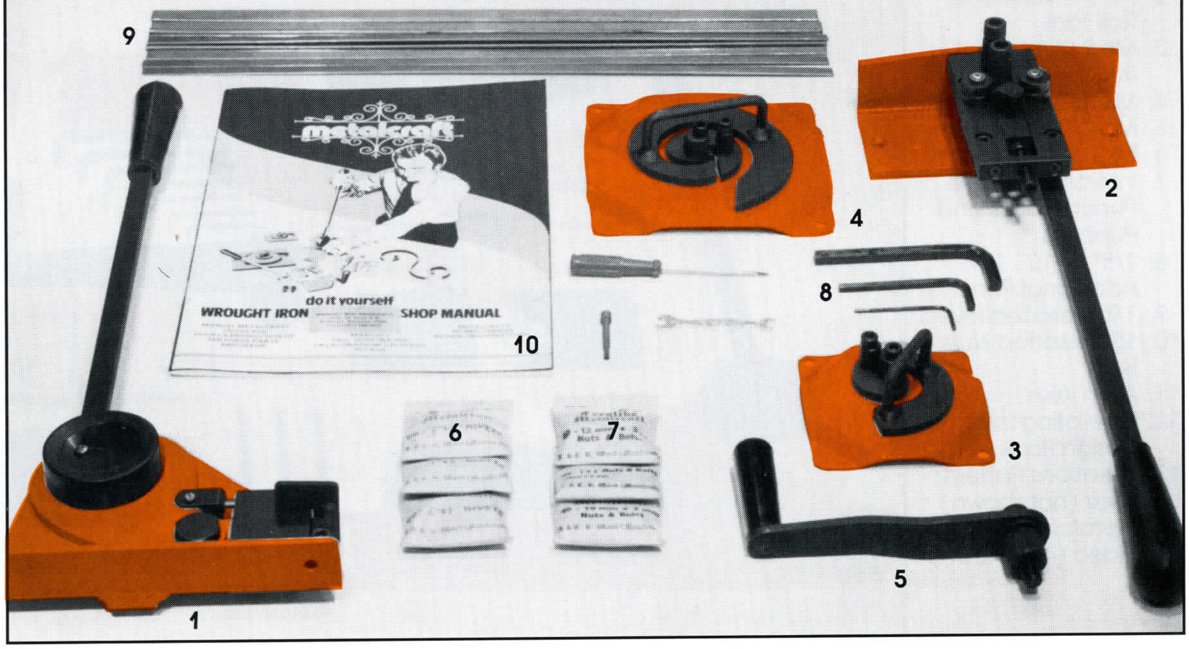
Order From

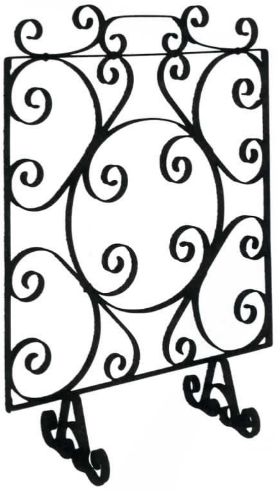
Wrought Iron Handicrafts
Kosy Creations
1620 38th Street N.W.
Rochester, MN 55901
Tel 1-800-456-7738
Fax (507) 289-5800

Contents:

1. MK 1 Punch/Shear Machine
2. MK 1 Rivet/Bend/Roll Tool
3. MK 1/2 Scroll Former
4. MK 2/2 Scroll Former
5. Rolling Handle
6. 1 lb. Assorted Rivets
7. 150 Assorted Nuts & Bolts
8. Screw Driver, Wrench, Spare Punch Pin and Allen Keys
9. Sample Steel Strips
10. Operating Inst./ Design Book
11. Creations Pattern Book (not shown)
12. Metalcraft Tool Video (not shown)

PRACTICAL WORKSHOP





The Practical Workshop is ideal for metalcrafting by individual craftsman. People in educational metal programs, as well as in care facilities and businesses, also produce decorative and useful creations. Creations such as candle holders, light fixtures and shutters for home use, as gifts, or for sale.

Seven metal working functions—riveting, bending, rolling, punching, shearing, scrolling and twisting—are performed without any heat or welding being required. Metal capacity is 9/16″ x 1/8″.

A recommended starter set will include: 1 Practical Workshop, 3 tubes 1/2″ x 3/32″ Metal Strip, 1 ea. CH, CT, LT and AC Accessory Sample Packs, 1 lb. 1/8″ Dia. x 1/4″ Rivets and 100 1/8″ x 1/4″ Nuts & Bolts.

These quality precision tools are strong, durable, and are designed to operate with minimum effort.

you can produce in no time at all

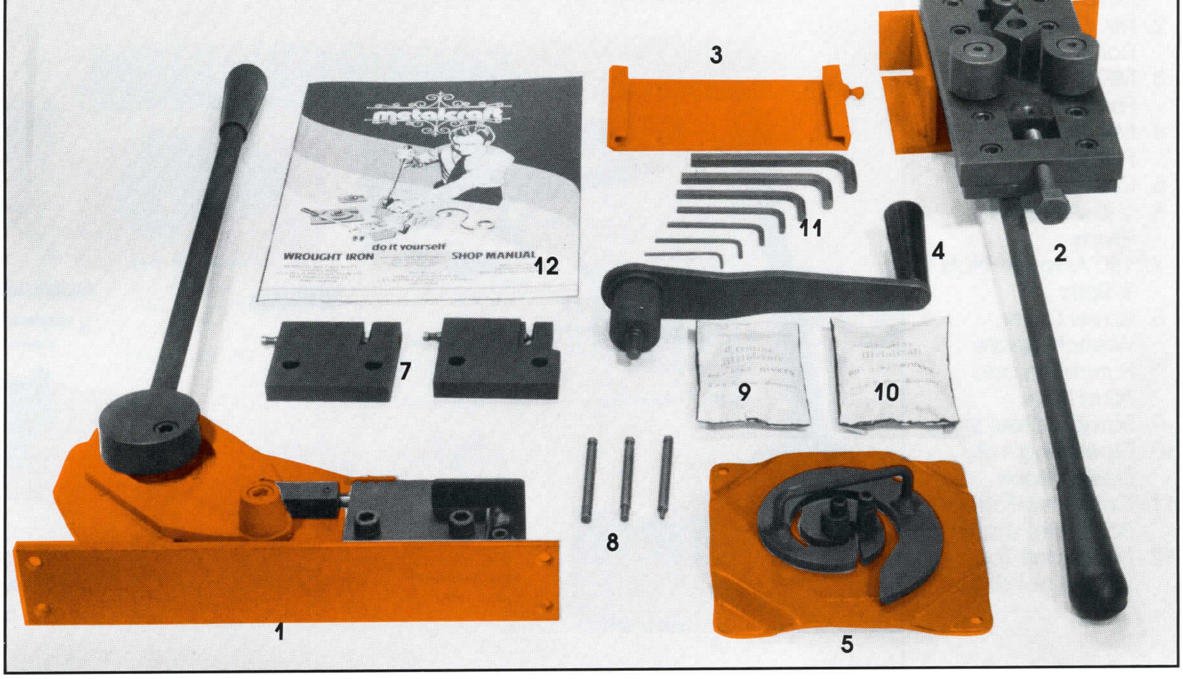
- **Make it yourself**
- **Decorate your home**
- **Make gifts for friends**
- **Start your own business**

Metalcraft

MASTER WORKSHOP

Contents:

1. MK 2 Punch/Shear Machine
2. MK 2 Rivet/Bend/Roll Tool
3. MK 2 Rivet/Bend/Roll Tool Base
4. MK 2 Rolling Handle
5. MK 2/2 Scroll Former
6. MK 3/3 Scroll Former
7. Interchangeable Punch Blocks and Punches
8. 1/8″, 3/16″, 1/4″ Additional Punches
9. 1 lb. Assorted Rivets
10. 150 Assorted Nuts & Bolts
11. Allen Keys
12. Operating Inst./Design Book
13. Creations Pattern Book (not shown)
14. Metalcraft Tool Video (not shown)

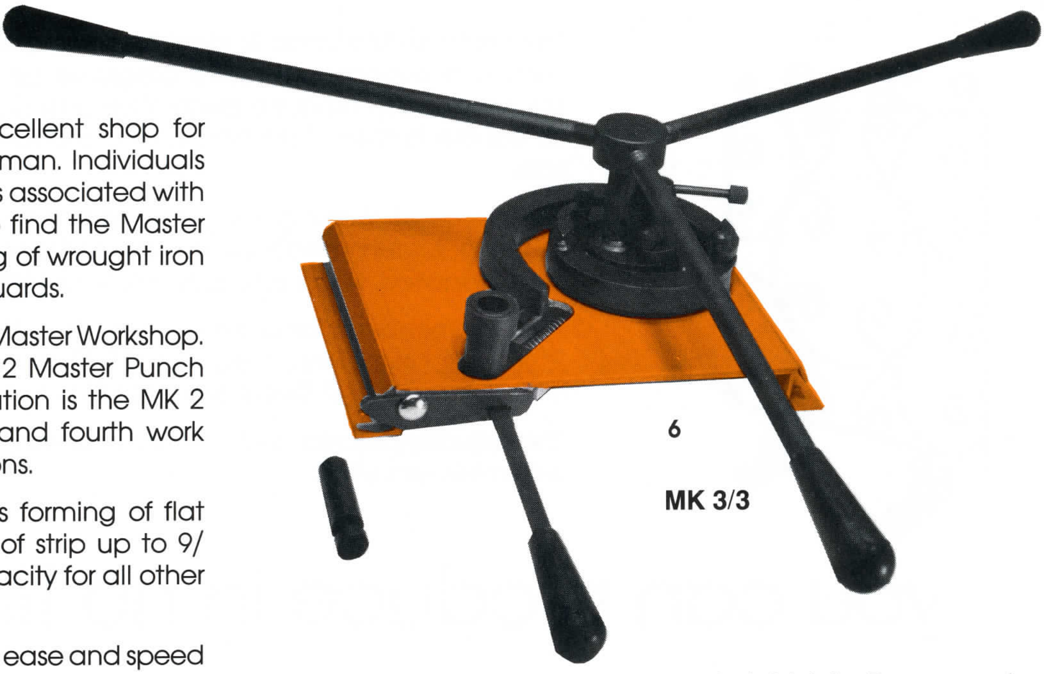


The Master Workshop is an excellent shop for advanced metal working craftsman. Individuals in metals programs or businesses associated with heavier gauge metal work also find the Master Workshop the choice for crafting of wrought iron furniture, railings and window guards.

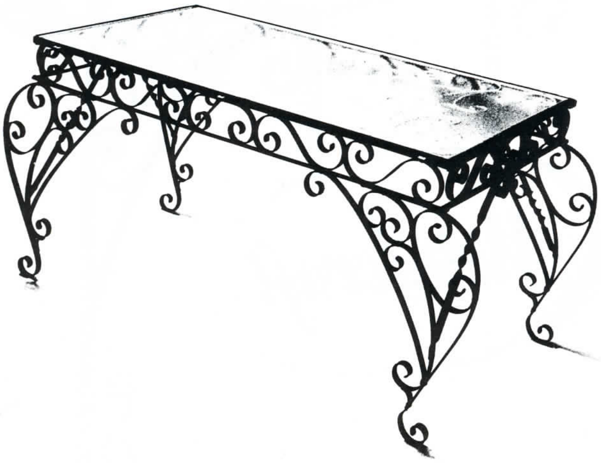
Four work stations comprise the Master Workshop. The first work station is the MK 2 Master Punch and Shear Tool. The second station is the MK 2 Rivet/Bend/Roll Tool. The third and fourth work stations perform scrolling functions.

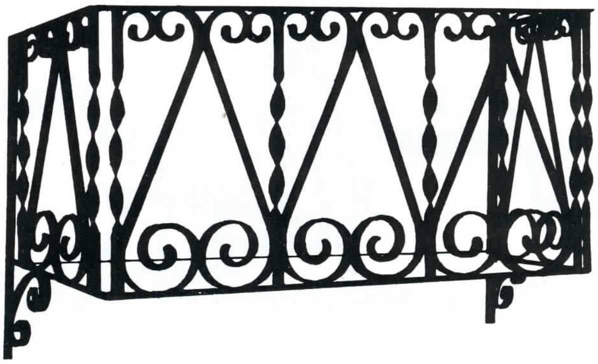
The MK 2/2 Scroll Former allows forming of flat metal scroll to 5″ size and use of strip up to 9/16″ x 1/8″ maximum. Metal capacity for all other tools is 1″ x 3/16″.

The Master Workshop's versatility, ease and speed of operation makes it ideal for either ornamental or practical metal work.



Turning of handles pulls metal straight into Former and no hand wrapping around Former is required. Scroll comes out flat. Size of largest scroll formed is approximately 8¼ inches.

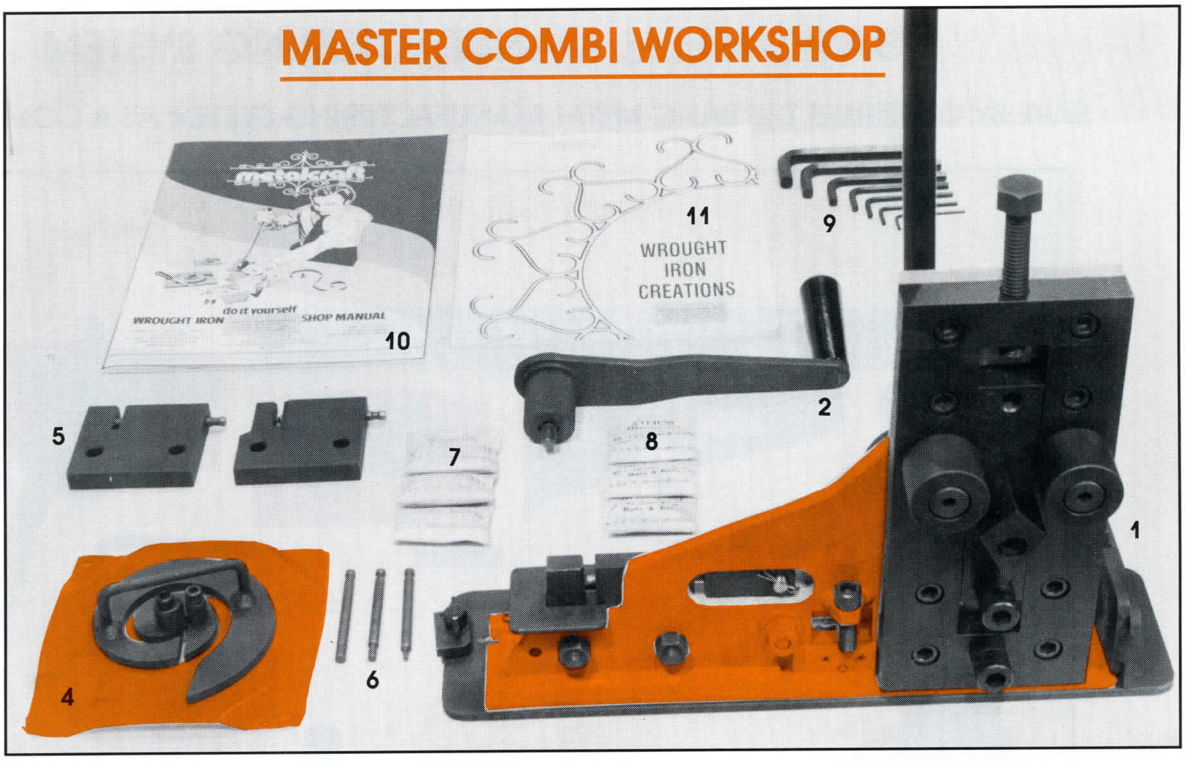




Contents:

1. MK 2 Combi Punch/Shear/Rivet/Bend/Roll Tool
2. MK 2 Rolling Handle
3. MK 3/3 Scroll Former
4. MK 2/2 Scroll Former
5. 3 Interchangeable Punch Blocks
6. 1/8″, 3/16″, 1/4″ Dia. Punches
7. 1 lb. Assorted Rivets
8. 150 Assorted Nuts & Bolts
9. Allen Keys
10. Operating Inst./Design Book
11. Creations Pattern Book
12. Metalcraft Tool Video (not shown)

MASTER COMBI WORKSHOP

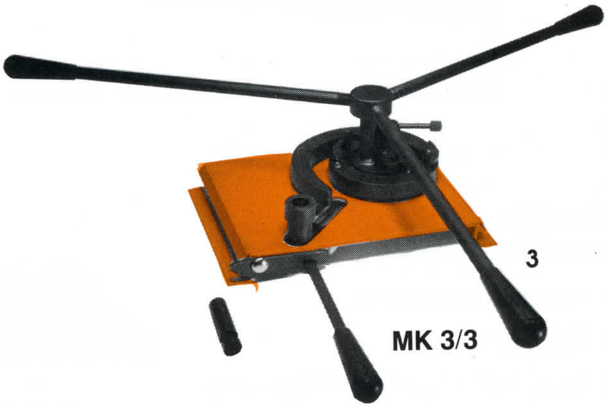


THE MASTER AND MASTER COMBI WORKSHOPS FOR HEAVIER TYPE PROJECTS

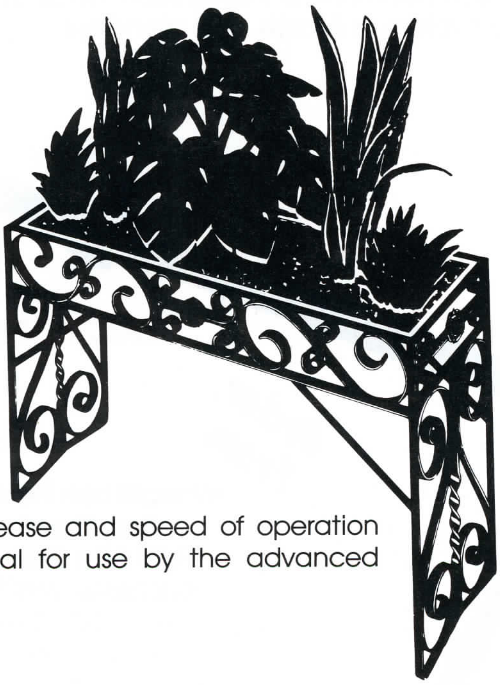
The Master Combi Workshop appeals to the same skill level of people and performs all the functions of the Master Workshop, while saving valuable workshop space.

The Workshop has three work stations, but the MK 2 Master Combi's simple flip down action allows the five major metal working functions—riveting, bending, rolling, punching and shearing—to be performed on the one tool. Metal capacity is 1″ x 3/16″.

The other two work stations perform scrolling functions. The MK 2/2 Scroll Former allows forming of flat scrolls to 5″ size and use of strip up to 9/16″ and 1/8″ maximum. The MK 3/3 Scroll Former draws metal, up to 1″ x 3/16″ and square bar or rod to 3/8″ size, into the former producing flat scrolls up to 8¼″ size.

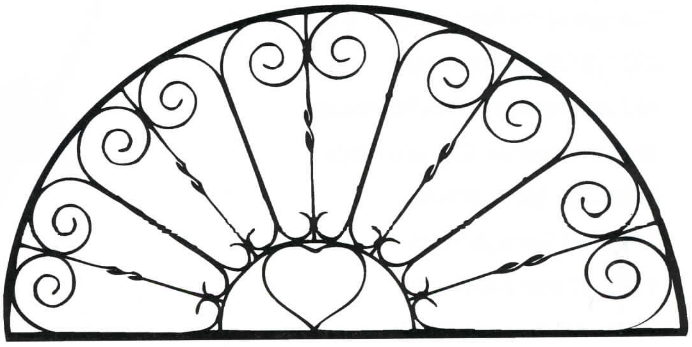


Turning of handles pulls metal straight into Former and no hand wrapping around Former is required. Scroll comes out flat. Size of largest scroll formed is approximately 8¼ inches.



The Master or Master Combi Workshops are used for the heavier type of projects such as large gates, fences, window shutters, etc.

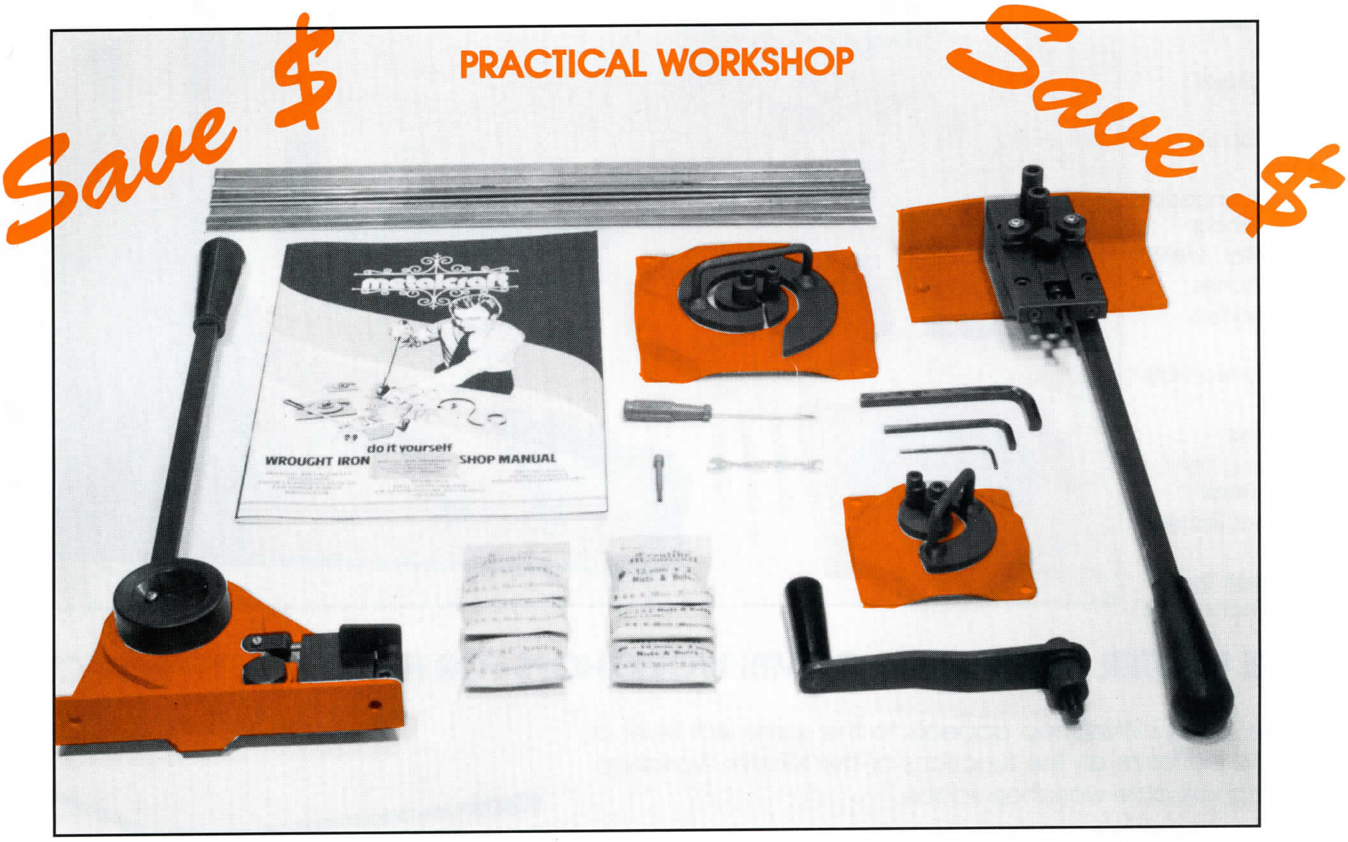
Their versatility, ease and speed of operation make them ideal for use by the advanced Metalworker.



BASIC METAL MANUFACTURING SYSTEM

SAVE BY ORDERING THE BASIC METAL MANUFACTURING SYSTEM AS A COMPLETE UNIT:

PRACTICAL WORKSHOP



Contents:

1 Practical Workshop

1 Practical Workboard

1 Practical Twister

3 Tubes 3/8″ x 1/16″ x 36″ Metal Strip

6 Tubes 1/2″ x 3/32″ x 36″ Metal Strip

1 lb. 1/8″ x 1/4″ Rivets

1 lb. 1/8″ x 5/16″ Rivets

1 lb. 1/8″ x 3/8″ Rivets

300 1/8″ x 1/4″ Nuts & Bolts

200 1/8″ x 3/8″ Nuts & Bolts

100 1/8″ x 1/2″ Nuts & Bolts

1 Arrow Industrial Rivet Tool*
*Designed for tight quarter pop riveting

200 1/8″ Steel Pop Rivets

12 Doz. Assorted Candle Holders

12 Doz. Assorted Candle Trays

1 Pkg. CH Sample Pack

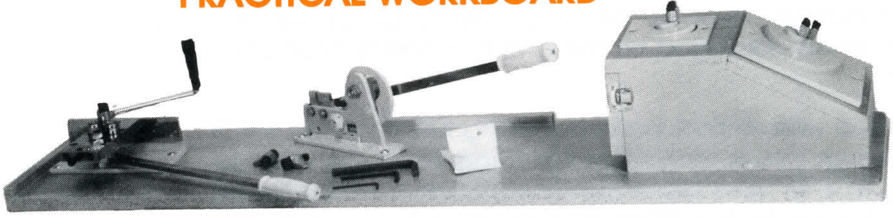
1 Pkg. CT Sample Pack

1 Pkg. LT Sample Pack

1 Pkg. AC Sample Pack

1 Metalcraft Tool Video

PRACTICAL WORKBOARD



The workboard makes your workshop organized and portable. Besides providing a mount for the metalworking tools, it also contains a compartment for storing such things as the rolling handle, rivets/nuts & bolts, and allen keys.

PRACTICAL TWISTER

Order From

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Kosy Creations
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Rochester, MN 55901
Tel 1-800-456-7738
Fax (507) 289-5800

ADVANCED METAL MANUFACTURING SYSTEM

SAVE BY ORDERING THE ADVANCED METAL MANUFACTURING SYSTEM AS A COMPLETE UNIT:

Contents:

1 Master Workshop with MK 3/3 Scroll Former

1 Master Twister

1 Practical Workshop

1 Practical Workboard

4 Tubes 1/2″ x 3/32″ x 36″ Metal Strip

3 Tubes 5/8″ x 1/8″ x 36″ Metal Strip

4 Tubes 3/4″ x 1/8″ x 48″ Metal Strip

4 Tubes 1″ x 1/8″ x 48″ Metal Strip

1 lb. 1/8″ x 1/4″ Rivets

1 lb. 1/8″ x 5/16″ Rivets

1 lb. 1/8″ x 3/8″ Rivets

1 lb. 3/16″ x 1/2″ Rivets

100 1/8″ x 1/4″ Nuts & Bolts

100 1/8″ x 3/8″ Nuts & Bolts

100 1/8″ x 1/2″ Nuts & Bolts

1 Creations Pattern Booklet

12 Doz. Assorted Candle Holders

12 Doz. Assorted Candle Trays

1 CH Sample Pack

1 CT Sample Pack

1 LT Sample Pack

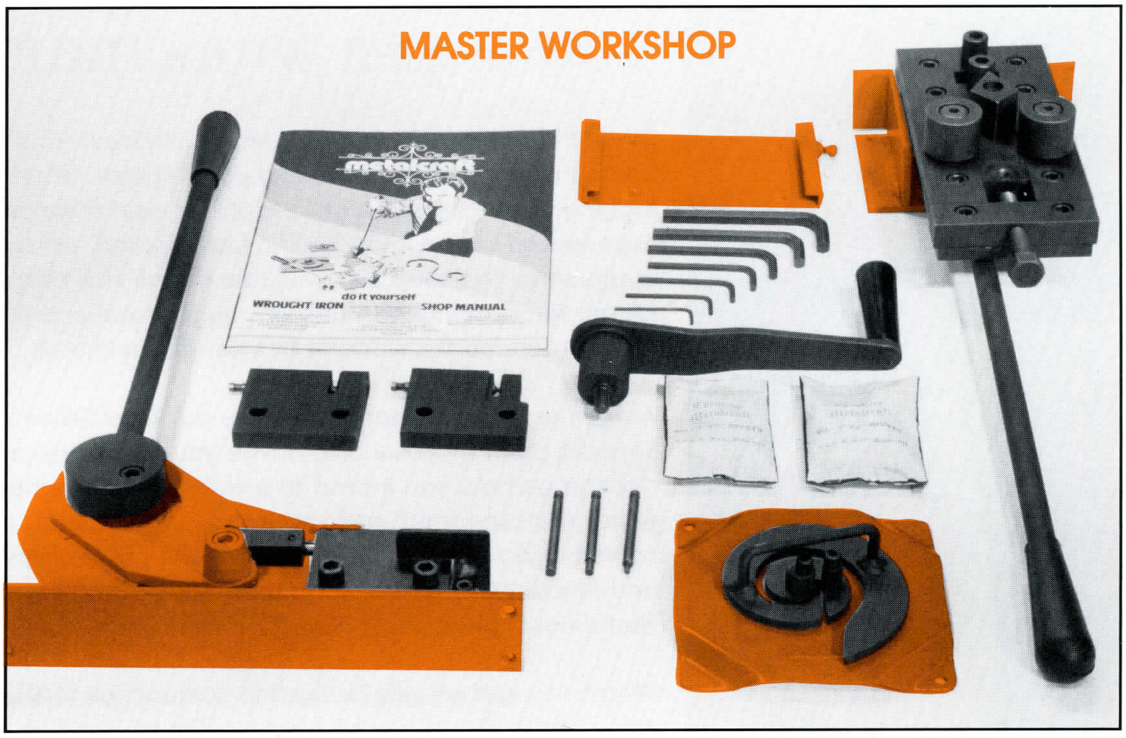
1 AC Sample Pack

1 Arrow Industrial Rivet Tool*

*Designed for tight quarter pop riveting

200 1/8″ Steel Pop Rivets

1 Metalcraft Tool Video


MASTER WORKSHOP
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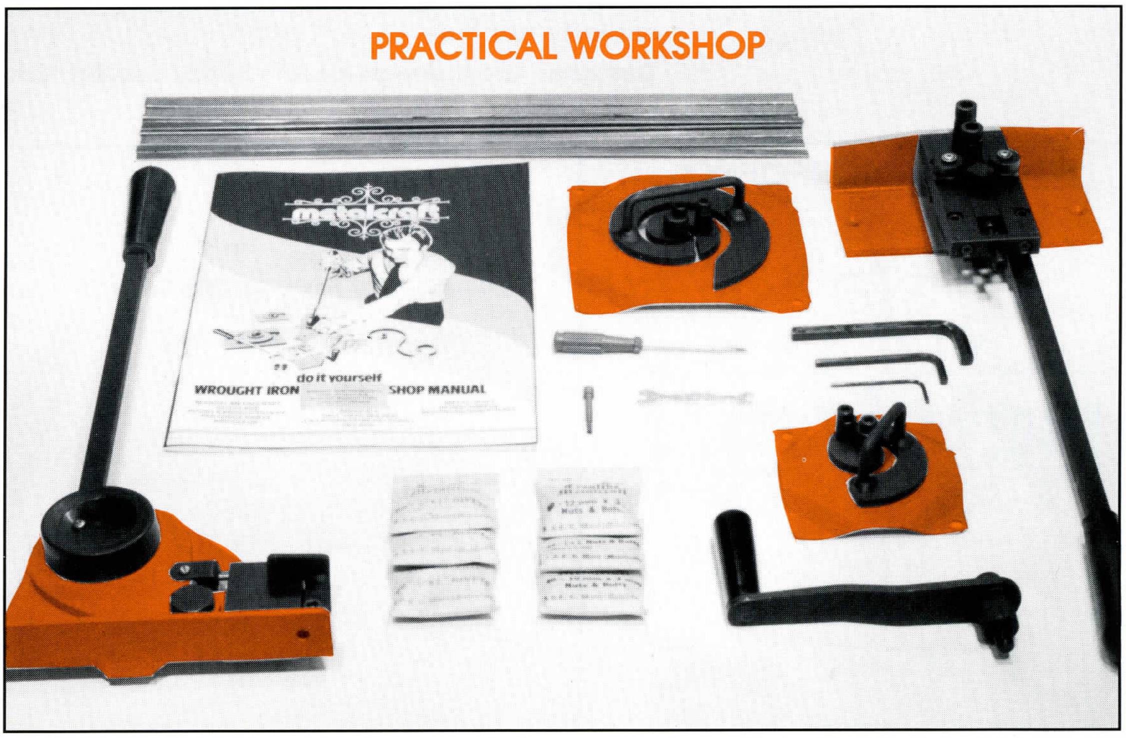
WROUGHT IRON
SHOP MANUAL


PRACTICAL WORKSHOP
metalcraft
do it yourself
WROUGHT IRON
SHOP MANUAL

Save $

metalcraft

We are here to help you at any stage. Our Sales and Technical Staff are ready to tackle any of your problems and offer sound advice based on their years of experience. What's more, we can arrange FREE demonstrations at our premises (by appointment) or, to save you travelling, you can send for our METALCRAFT Demonstration Video.

A BUYERS GUIDE TO METALCRAFT TOOLS AND WORKSHOPS...

Metalcraft tools offer a great deal of choice in finding the right tool(s) to best suit your requirements and your budget. Whether you are a beginner looking to get started with one of our workshop packages or an experienced user with a specific task in mind, we can supply the appropriate equipment. The tools are available in two size ranges - the PRACTICAL range, for working with lighter gauge metal and the heavy duty MASTER range intended for working heavier gauge metal.

As well as all the general guidance our User Guide offers, our Technical Support team is on hand to advise you. Decisions on which tool(s) to buy depend on how you intend to use them. For example, our combination tools which combine the functions of two or more tools are cost effective for someone working on their own but the purchase of separate Punch & Shear and Riveting/Bending/Rolling tools allow simultaneous working, thus making them more suited to a production environment.

Metalcraft can equally be used in conjunction with welding equipment as it can without. For those who are unable to weld, or those who simply prefer not to, the riveting facility on some of our tools enables patterns to be joined safely to provide a traditional looking wrought iron joint.

WE ALSO OFFER A COMPREHENSIVE RANGE OF METAL, ACCESSORIES & SPARE PARTS

Metal - Steel strip of a grade specially suited for use with our tools in a range of standard sizes. Also available: Square Tube and Wire plus some non-standard sizes (subject to quantity)..

Fastenings - Rivets, Nuts and Bolts.

Spares - We stock a full range of spare parts for all tools.

Accessories - Add the finishing touches to your wrought iron work with our extensive range of candle trays/holders, decorative items, railing tops and gate furniture.

Designs - Great design ideas in handy booklet form.

ORDER WITH CONFIDENCE

metalcraft

VISA MasterCard

A

Wrought Iron Handicrafts
Kosy Creations
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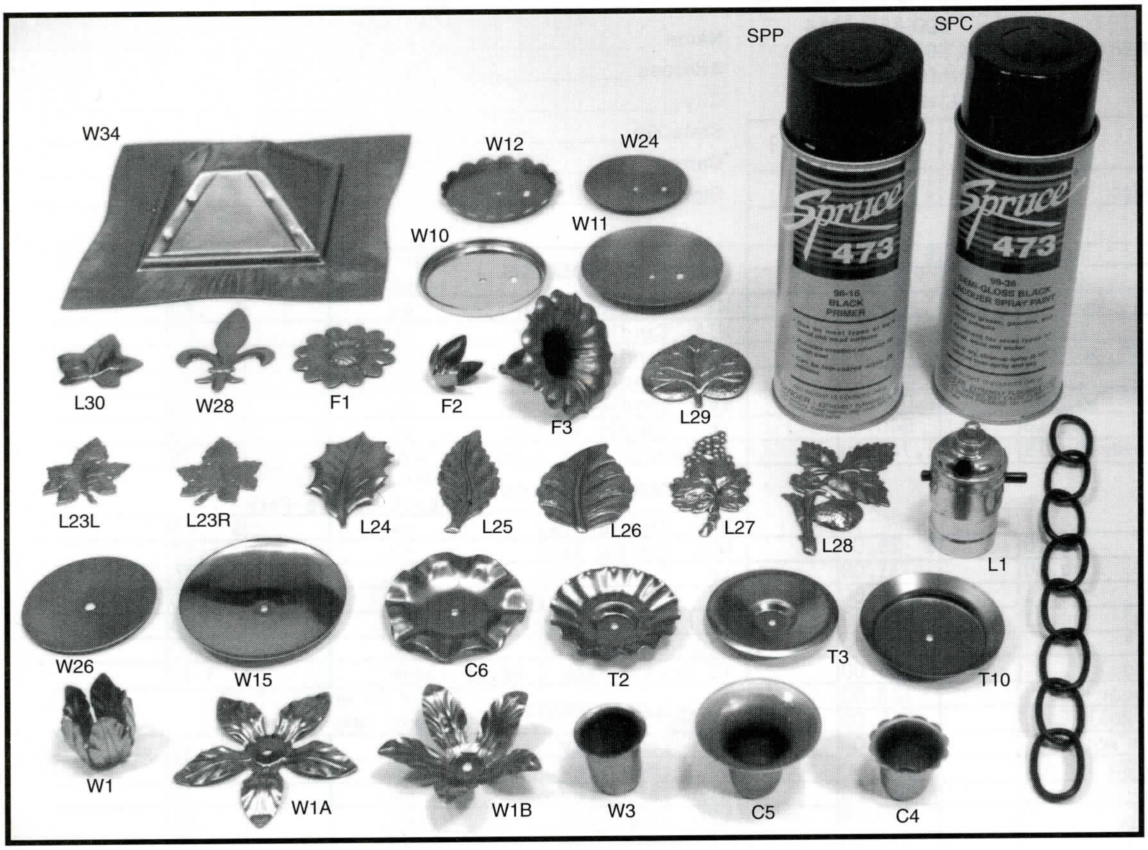
To:

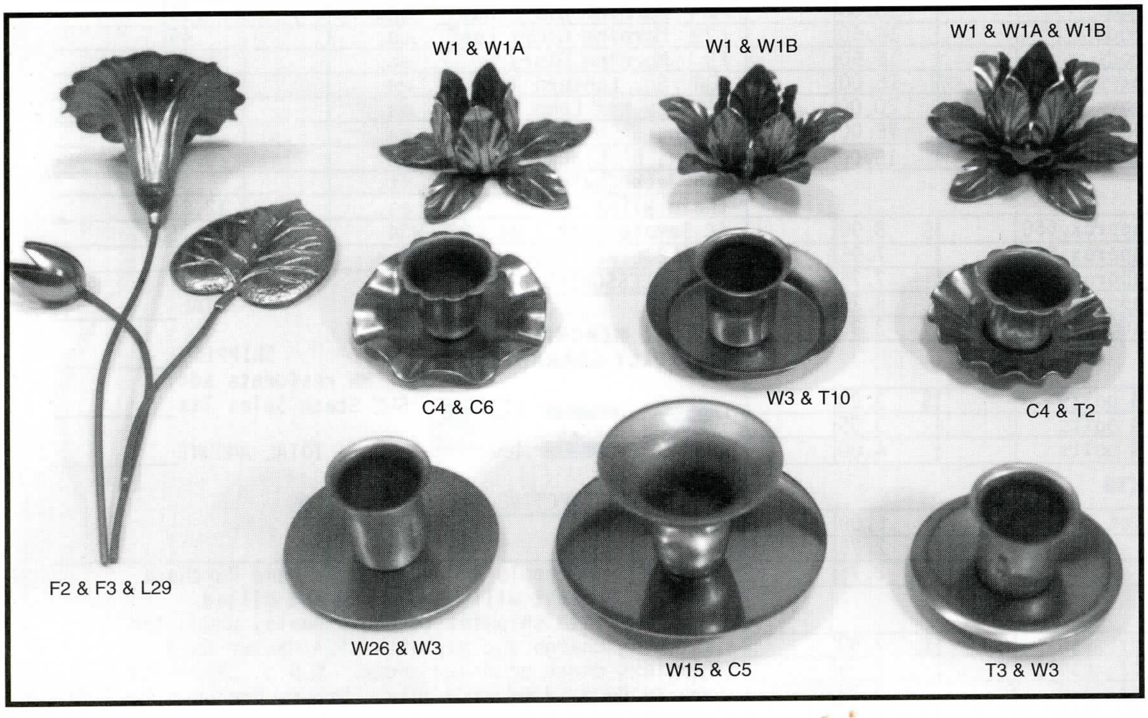
Metal accessories add the finishing touch



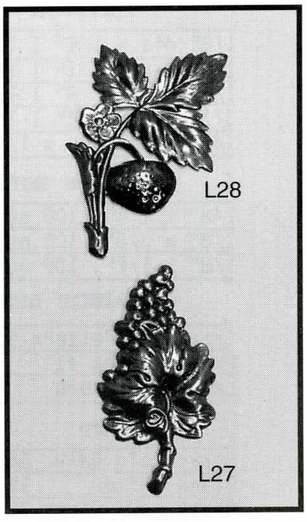
SPP
SPC
W34
W12
W24
W10
W11
Spruce 473
98-16 BLACK PRIMER
98-38 SEMI-GLOSS BLACK LACQUER SPRAY PAINT
L30
W28
F1
F2
F3
L29
L23L
L23R
L24
L25
L26
L27
L28
L1
W26
W15
C6
T2
T3
T10
W1
W1A
W1B
W3
C5
C4

W34	W=7 1/4" sq., H=1 3/4" 4 3/8" center sq.
W12	W=2 3/4", H=1/4"
W24	W=2 1/2", H=1/4"
W10	W=2 3/4", H=1/4"
W11	W=3 1/8", H=3/8"
L30	W=1 15/16", H=2"
W28	W=2 1/8", H=3"
F1	Dia.=2 1/4", H=1/8"
F2	W=1 1/8", H=1"
F3	W=2 9/16", H=2 1/4"
L29	W=2 1/4", H=2 1/2"
SPP	Black Primer
SPC	Black Semi-Gloss
L23L	W=1 3/4", H=2 1/8"
L23R	W=1 3/4", H=2 1/8"
L24	W=1 3/4", H=2 7/8"
L25	W=1 1/4", H=3 1/8"
L26	W=1 7/8", H=2 5/8"
L27	W=1 1/2", H=3 1/8"
L28	W=2", H=3 1/2"
L1	W=1 1/4", H=2 1/2"
W26	W=2 3/4", H=3/16"
W15	W=3 1/4", H=1/4"
C6	W=2 5/8", H=3/8"
T2	W=2 3/8", H=1/2"
T3	W=2 3/8", H=3/8"
T10	Dia.=2 1/2", H=3/8"
W1	W=1 1/8", H=1 3/8"
W1A	W=3", H=1/4"
W1B	W=2 3/4", H=3/4"
W3	W=1 3/16", H=1 3/16"
C5	W=2", H=1 1/2"
C4	W=1 5/16", H=1"
Chain	3' or 6' 11 ga.

Popular Accessory Combinations



W1 & W1A
W1 & W1B
W1 & W1A & W1B
F2 & F3 & L29
C4 & C6
W3 & T10
C4 & T2
W26 & W3
W15 & C5
T3 & W3



WROUGHT IRON HANDICRAFTS

1620 38th Street N.W. **800-456-7738**
Rochester, Minnesota 55901 **FAX 507-289-5800**
E-Mail address **mettools@infonet.isl.net**
Website address **www2.isl.net/mettools**

ORDER FORM
(Please Print)

Name ____________________
Address ____________________
City ____________________
State/Zip ____________________
Card # ____________________ Exp. Date __________
Signature ____________________

Description	Quantity	Unit Price	Total
MV1 Metalcraft Tool Video * * *		$ 7.95	
WORKSHOPS			
Hobby Workshop pg.14		$ 189.00	
Practical Workshop pg.15		315.00	
Practical " w/Pract. Twister		418.00	
Master Combi Workshop pg.17		795.00	
Master Combi " w/Master Twister		1,005.00	
Master Workshop pg.16		825.00	
Master Workshop w/Master Twister		1,035.00	
Basic Metal Mfg. System pg.18		840.00	
Advanced Metal Mfg. System pg.19		1,745.00	
SINGLE TOOLS			
MK 1/2 Scroll Former 3" pg.10		$ 26.00	
MK 2/2 Scroll Former 5" pg.10		31.00	
MK 2/3 Scroll Former 5" pg.11		99.00	
MK 3/3 Scroll Former 8¼" pg.11		285.00	
MK 4 Scroll Former 11"		99.00	
Hobby Rivet/Bend/Roll Tool		86.00	
Practical MK 1 Punch/Shear Tool		128.00	
Pract. MK 1 Rivet/Bend/Roll Tool		155.00	
Master MK 2 Punch/Shear Tool		265.00	
Master MK 2 Rivet/Bend/Roll Tool		320.00	
Master Combi MK 2 Tool		520.00	
Master Twister		220.00	
Practical Twister		110.00	
Practical Twister with Adaptor		135.00	
Hobby/Practical Workboard		30.00	
Arrow #200 Industrial Rivet Tool (For tight quarter pop riveting)		29.95	
METAL STRIP			
3/8" x 1/16" x 36" 30 strips		$ 19.50	
1/2" x 3/32" x 36" 18 strips		17.50	
5/8" x 1/8" x 48" 10 strips		16.50	
3/4" x 1/8" x 48" 10 strips		17.50	
1" x 1/8" x 48" 10 strips		19.00	
1/2" x 1/2" x 36" 10 angles		16.50	
1/8" dia. x 36" 30 rods		13.00	
3/16" dia. x 36" 25 rods		14.50	
1/4" dia. x 36" 25 rods		16.50	
1/4" Sq. Bar x 36" 10 bars		15.00	
3/8" Sq. Bar x 48" 10 bars		20.00	
5/8" Sq. Tubing x 4', 4 tubes		16.00	
3/4" Sq. Tubing x 4', 4 tubes		15.00	
RIVETS			
1/8" dia.x 1/4" 1 lb. approx.660		$ 8.00	
1/8" dia.x 5/16"1 lb. approx.560		7.95	
1/8" dia.x 3/8" 1 lb. approx.510		7.75	
3/16"dia.x 1/2" 1 lb. approx.165		5.25	
1/8" Steel Pop x 1/4" 100 rivets		3.95	
NUTS & BOLTS			
1/8" x 1/4", 100 nuts & bolts		$ 3.90	
1/8" x 3/8", 100 nuts & bolts		3.95	
1/8" x 1/2", 100 nuts & bolts		4.00	
PROJECT BOOKLETS			
Creations Pattern Booklet		$ 5.00	
Project Book #1		2.75	
Lantern Pattern		2.75	
PAINT			
Spray Cold Galv. 14.5 oz. can		$ 7.90	
Black Primer 12.0 oz. can		2.95	
Black Semi-Gloss 12.0 oz. can		2.95	
White Semi-Gloss 12.0 oz. can		2.95	
White Hi-Tech(Outdoor) 12 oz.can		4.95	

CANDLE HOLDERS - Order in units of 12 Except Sample Pack					
W1	Candle Holder	ea.		$ .60	
W1A	Candle Holder	ea.		.60	
W1B	Candle Holder	ea.		.60	
W3	Candle Holder	ea.		.35	
C4	Candle Holder	ea.		.45	
C5	Candle Holder	ea.		.70	
CH	Sample Pack 1 ea.of above			3.70	
CANDLE TRAYS - Order in units of 12 Except Sample Pack					
W15	Candle Tray	ea.		$ .65	
W26	Candle Tray	ea.		.52	
C6	Candle Tray	ea.		.50	
T2	Candle Tray	ea.		.40	
T3	Candle Tray	ea.		.40	
T10	Candle Tray	ea.		.60	
CT	Sample Pack 1 ea.of above			3.47	
LAMP TRAYS - Order in units of 12 Except Sample Pack					
W10	Lamp Tray	ea.		$ .45	
W11	Lamp Tray	ea.		.60	
W12	Lamp Tray	ea.		.55	
W24	Lamp Tray	ea.		.55	
LT	Sample Pack 1 ea.of above			2.40	
ACCENTS - Order in units of 12 Except Sample Pack					
L23L	Leaf	ea.		$ .45	
L24	Leaf	ea.		.48	
L25	Leaf	ea.		.35	
L26	Leaf	ea.		.45	
L27	Leaf w/grape	ea.		.35	
L28	Leaf w/strawberry	ea.		.40	
L30	Leaf, Ivy	ea.		.40	
F1	Flower	ea.		.55	
W28	Fleur De Lys	ea.		.55	
F2	Morning Glory Bud	ea.		.35	
L29	Morning Glory Leaf	ea.		.45	
F3	Morning Glory	ea.		1.50	
W34	Sq. Lantern Top	ea.		5.00	
L1	Easy Fix Lamp Holder	ea.		3.10	
Chain, 3' black, 11 ga.		ea.		1.85	
Chain, 6' black, 11 ga.		ea.		3.70	
#16 Jack Chain		ft.		.39	
Chain Plier		ea.		12.25	
AC	Sample Pack 1 ea.L23L-W34			12.75	

For L23L-W28 tabbed add .20ea

SEE ACCESSORIES OTHER SIDE

TOTAL __________

ALL MERCHANDISE FULLY GUARANTEED

SHIPPING __________

MN residents add 6½% State Sales Tax __________

TOTAL AMOUNT __________

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TERMS: Schools and Businesses send Purchase Order. Freight will be prepaid and billed. For immediate shipment to individuals, phone for shipping charge and pay with VISA/Master Card, Cashiers check or money order. C.O.D. shipments are to be paid by cash only. Orders are usually shipped by U.P.S.

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